SONY

PULSE

like.no.other™

Welcome

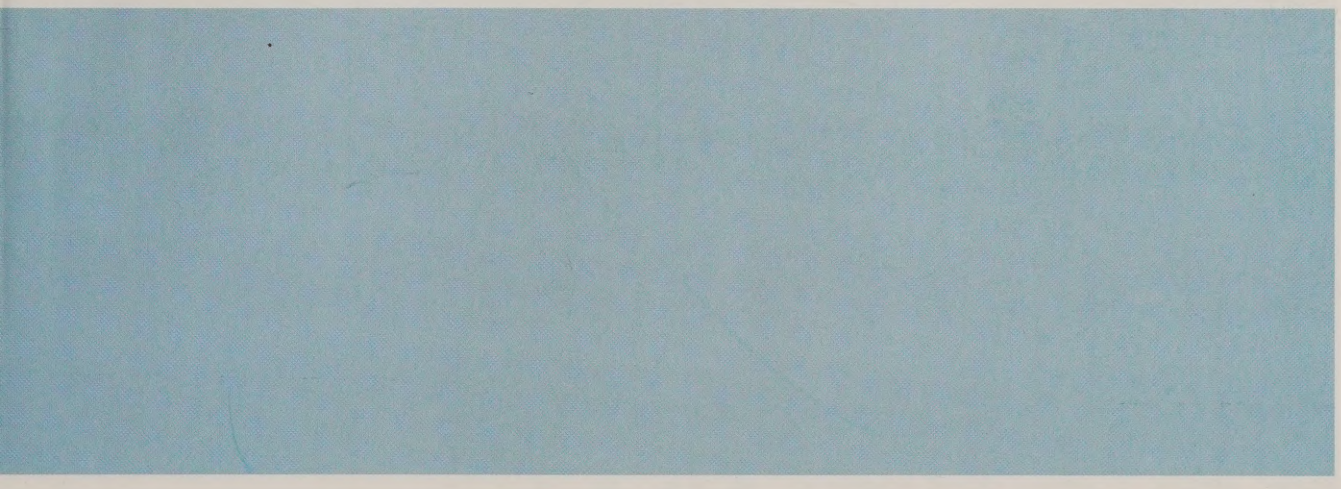
Winter/05

Welcome to the Winter 2005 Sony Pulse magazine.

In the last issue we promised a long, hot Summer and it turned out great in the end. You may have been indoors before Christmas watching DVDs and listening to music, but from January there has been plenty of opportunity to get out and about and have fun with those new Christmas toys.

But don't worry about the return of Winter - there's still plenty to do and some great new Sony products to enjoy. The Lions tour alone is reason enough to buy a new Grand WEGA. And we don't want any Cyber-shot, Handycam or Walkman products left languishing indoors when you could wrap up, get outside and use them.

All the best, and have a great Winter.



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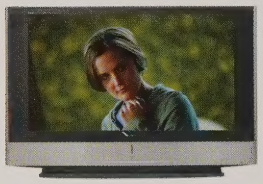

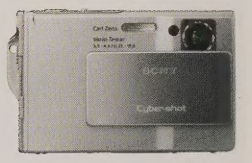

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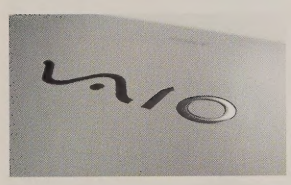

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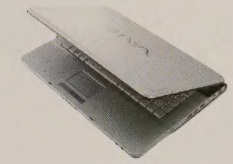
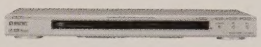
WINTER/05

The World of Sony DVD

Offering unrivalled picture and sound quality, DVD has changed the world of entertainment. And it's not just about watching the latest blockbuster, it's about sharing home movies with friends, archiving old recordings and storing digital photos.

Whether it's a DVD player, DVD recorder, all-in-one DAV system or a DVD Hi Fi there are loads of options for your home. And it's not just inside where people are enjoying DVD. With In Car DVD, DVD Camcorder and Sony VAIO, the fun travels with you.





DVD Handycam

A Sony DVD Handycam makes home movies so much easier by recording directly onto a DVD disc instead of a tape. Thanks to DVD recording, now everyone can enjoy the fun. You don't even need a camcorder to watch your footage on TV – just take the disc along when you visit family and friends and you can share your special scenes using their DVD player.

DVD In Car

With in-dash headrest or roof mounted LCD monitors, cordless stereo headphones and an In Car DVD player, there will be no more games of "I Spy" to keep the kids amused this Winter. Check out the full range of Sony In Car products at www.sony.co.nz/xplod.

VAIO

Every Sony VAIO is DVD equipped, with most including DVD writers as standard. But VAIO is about more than just hardware – every notebook comes equipped with VAIO Zone software that allows you to manage and play digital content and simplifies the process for watching DVDs, listening to music or browsing photo and video libraries. And with easy connection to Sony Handycam, making and editing home movies is a breeze.

DVD players

Experience all the magic of the movies with our wide range of DVD players. For truly pristine picture quality, opt for a model featuring Precision Cinema Progressive. If you're looking for an all-in-one home entertainment solution that's as high on style as it is on features, then a DAV system is your perfect choice. And it's a doddle to set up!

DVD recorders

With a Sony DVD recorder, not only can you watch your DVDs in silky smooth quality – you can record all your favourite TV programmes onto DVD as well. If that's not enough, our intelligent recorders let you save your home movie footage from your MiniDV or Digital 8 camcorder onto DVD to complete your archive.

LOCK
SONY
12x
MEGA PIXEL
Carl Zeiss
Vario-Tessar
Handycam
DVD
SONY

The latest

DSCT7
Cyber-shot Digital Camera

With no wait at almost no weight the DSCT7 takes the popular T series Cyber-shot range to a new level.

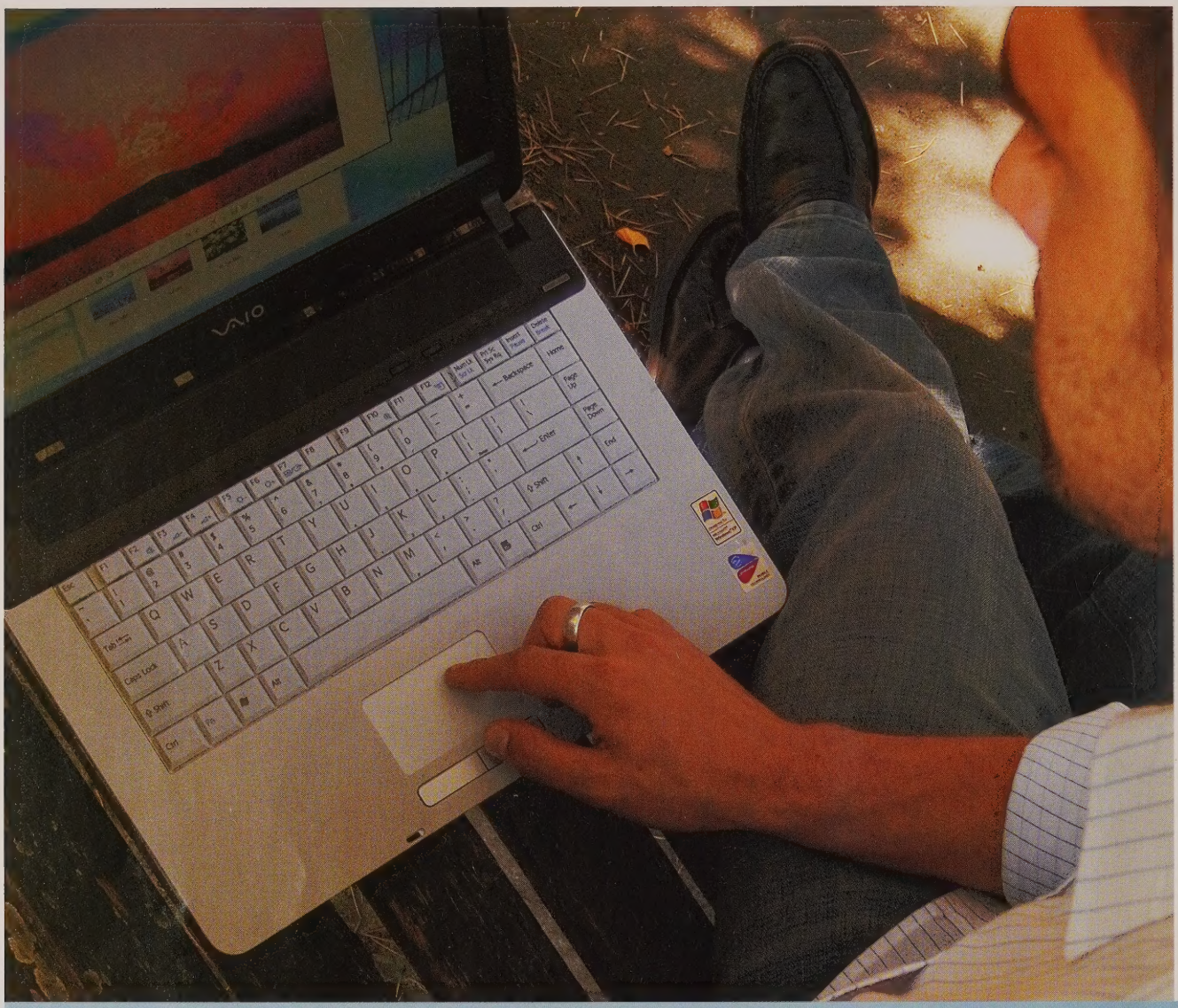
Turn to page 67 for more details.

DCRDVD803E
DVD Handycam

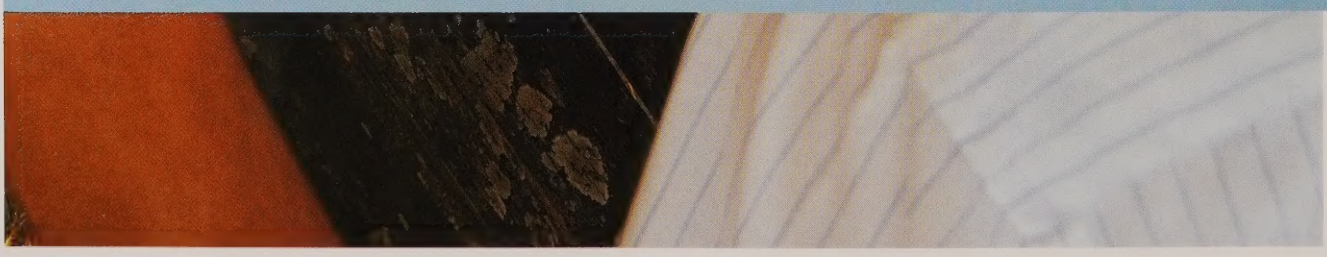
World's first 3 Mega Pixel DVD Handycam with built-in surround sound microphone for 5.1 channel Dolby Digital sound recording direct to DVD.

Turn to page 75 for more details.

Digital Imaging



The latest



VGNA39GP
A Series VAIO Notebook

The flagship A39GP is the complete package. This desktop replacement notebook has an impressive 17" WUXGA (1920x1200) Clear Bright LCD. It also comes with port replicator, external speakers, remote commander and memory card adapter.

Turn to page 94 for more details.

USD5G
Micro Vault USB Storage, 5GB

This exciting new product simply plugs into the USB port on your computer for a portable solution for large files, photos or MPEGs.

Turn to page 99 for more details.

Computer

Find
Artist
Album
Track
Genre
New Tracks
Initials Search
Playlist
SHUF
02:00
SEARCH
SONY

The latest

NWHD5
Hard Drive Walkman

The NWHD5 Network Walkman is Sony's latest 20GB hard disk digital music player, featuring a most innovative interface and up to an amazing 40 hours of battery life on one charge. An ideal audio accessory for the trendsetter on the move, the NWHD5 has an aluminium chassis with black, red, and silver colour options.

Turn to page 108 for more details.

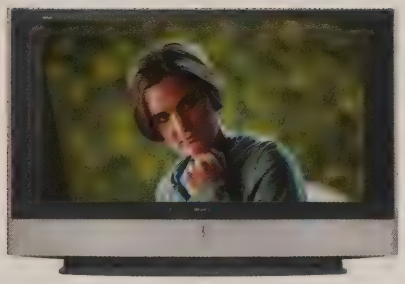
CDXM7810
CD/MP3/ATRAC3plus Player

Sony is pleased to introduce a full range of 2005 Car Audio products that combine power and style with new features to delight every car audio enthusiast. Topping the list is the impressive CDXM7810 and CDXF7710 CD-MP3 Head units which feature Sony's Drive-S chassis. These units include a newly developed Xplod S MOSFET Power IC chip, superior quality Audio Capacitors, more responsive Shock dampers, an sharp Laser Optical Pickup mechanism and an advanced 24bit DAC. As an additional feature each unit is equipped with an auxiliary input that allows users to easily plug in a portable music device.

Turn to page 119 for more details.

Audio on the Move

the latest



WS60
60" Grand WEGA

Experience entertainment like never before with the Sony Grand WEGA. With over 3.15 million total pixels for unbelievable visual clarity, your perception of TV will immediately change the moment you set your eyes on the stunning new Sony Grand WEGA.

Turn to page 24 for more details.

RDRHX910
250GB HDD/DVD Recorder

The new Sony RDRHX910 HDD/DVD recorder features a high capacity 250GB Hard disk for over 420 hours of entertainment. With all new intelligent features and superb build quality, the RDRHX910 is simply the new must have digital recording solution.

Turn to page 37 for more details.

Home Audio Visual

VAIO

The Global Challenge is the world's toughest amateur Around the World Yacht Race and Sony technology is ensuring that 2005 is the greatest spectacle yet.

The Global Challenge pits twelve, eighteen person crews of sailing novices against each other, the prevailing currents and winds and some of the harshest environments on the planet.

The identical yachts cover over 30,000 miles in their 10-month odyssey, only stopping in Buenos Aires, Wellington, Sydney, Cape Town, Boston, La Rochelle and Portsmouth. Every leg is a hotly contested affair where teamwork and tactics are critical to success.

Amazingly, of the more than 200 men and women taking part in the Global Challenge only the skipper of each yacht is a professional sailor. The rest of the crew are rank amateurs who have paid nearly NZ$80,000 for the privilege and adventure of a berth on one of the yachts.

Sony U.K.'s Ben Beasley (pictured top left) is one of these novices. Ben was a self confessed sailing newbie before becoming involved in the race. Looking to challenge himself, Beasley approached his employers to sponsor his berth in the Global Challenge.

"Sony challenges their staff to live their dreams" says Ben, "they see it as part of their corporate responsibility to develop their employees." This time Sony went one step further, not only supporting their employee but even sponsoring one of the yachts, VAIO.

Ben is part of the foredeck crew on VAIO also known as "the unsynchronised swimming team". He describes it as "changing sails at 3am in 40 foot waves in an environment humans just aren't meant to be in!"

Another of his roles is media officer aboard VAIO. Thanks to Sony image technology the 2004-2005 Global Challenge will be one of the most "connected" yacht races ever. Each yacht is set up with Cyber-shot digital cameras and Handycam camcorders which, when connected to a dedicated VAIO on board, allow the yachts to send daily video and photo logs to document their journey.

"Traditionally in a yacht race the boats are waved off, not to be seen again till they return to port. In this race, thanks to Sony technology, even in the midst of the Southern Ocean as far away from land as you can be on earth we're sending emails, photos and video diaries back to friends, family and spectators," says Ben.

Sony also has a key role in preserving the sanity of the crew. Creating a bit of personal space becomes vital when you're cooped up far from land for up to 35 days at a time. The yachts are equipped with the latest Xplod car audio gear and weatherproof speakers for general listening but its Ben's Sony Network Walkman that has become his most cherished possession. Its superb design, extra long battery life and Memory Stick storage, take on a whole new meaning at the furthest ends of the earth.

The racing can be incredibly close, a single tactical decision or picking the wrong wind shift can make a huge difference. Because the yachts are so similar in performance, teamwork plays a huge role in the success of the participants.

Beasley says the race has been an amazing experience "I went down to Queenstown and went mountain biking, bungy jumping and white water rafting. Nothing compares to the southern ocean". One of his favourite memories is coming into Wellington harbour and being greeted by a flotilla of boats and helicopters. Thanks to Sony technology he was able to share that moment with family and friends back in the UK.

"The reaction of people has just been amazing and being able to share that is a huge part of the enjoyment".

Thanks to Sony every yacht in the 2004-2005 Global Challenge is a seamless hub of audiovisual and information technology. Not only does Sony help navigate these young heroes around the world, it allows the crew to share their experience of a life time with the rest of us.

The Global Challenge 2004-2005 comes to Wellington

Follow the race at www.globalchallenge2004.com

Amanda Dorcil's Catwalk Studios is on a quest to empower young New Zealand women and men. Amanda is creating a "post-modern approach to being feminine or masculine" and she has enlisted Sony's cachet and technological excellence to do it.

Amanda Dorcil, guest photographer for this issue of Sony Pulse, is a classic example of a kiwi who has taken on the world and succeeded at the highest level. Now she's sharing her tapestry of knowledge and experience with a new generation of young women and men.

Amanda set up Catwalk Studios to teach young fashionistas how to take on the fashion world with confidence and style. The courses not only introduce students to grooming and maintenance, make up, nutrition and acting, but help develop important skills like how to deal with an agent, navigate your way through the industry, and most importantly concentrate on nurturing self-belief. Guest speakers include international models, agency bookers, stylists, make-up artists and fashion week producers.

She says Sony New Zealand has been outstanding in their generous support and Sony's cutting edge technology helps take Catwalk Studios to a higher plane of professionalism. Catwalk Studios are equipped with a Sony Plasma screen, DVD burner, still and video cameras, as well as a Sony receiver and speakers.

Sony technology plays a vital role in building each student's self awareness and confidence as they work alongside the industry staples of camera and film. Amanda says the Sony name adds credibility to the message she is imparting to her brand savvy teenage market.

Amanda is an industry veteran both in front of the camera and behind the scenes. She has modelled for the prestigious FORD model agency in New York and worked as a makeup artist, choreographer, fashion stylist and photographer. On her return to New Zealand, Amanda graduated with honours from Unitec's Bachelor of Design and won Metro Magazine's Photographer of the Year in 2003.

With her astute eye and fashion industry expertise, Amanda saw a gap in the market teaching young New Zealanders the skills and the professionalism required to take them to the top.

catwalk★studios

www.catwalkstudios.co.nz

Catwalk* Studios puts its best foot forward

Confidence and self-belief are key elements within the Catwalk Studio courses and Amanda is a strong advocate of beauty coming from within. "Makeovers and photography are just the surface," she says. "Discovering inner beauty, learning to set boundaries, creating a safety net, empowering and positioning themselves as the individual they are…that is also what these courses are about."

At present, courses are available during school holidays with weekend classes from 4-8pm starting later in the year.

Creating strong, professional and confident young adults not only benefits the fashion industry but New Zealand as a whole. Amanda Dorcil's experience and Sony technology are helping to ensure New Zealand fashionistas can take on the world.

Sony and the Spirit Voyagers Club are getting together to provide a unique view of what's happening in our marine backyard.

The concept of the Marine Monitoring Project came about through the Spirit Voyagers Club's desire to give something back to the community while promoting a deeper understanding of the sea and the amazing diversity of life contained within it.

The Marine Monitoring project aims to provide a detailed snap shot of the numbers and variety of fish species found in our local inshore fisheries - the local harbours and favourite fishing spots of the average fisherperson. The information anybody with even a remote interest in fishing is desperate to know.

The project will focus on four key recreational fishing areas: Whangarei, Auckland, Christchurch and Otago. A Sony Handycam contained within a waterproof housing is mounted underwater on one of the Spirit Voyagers Club's vessels. Bait is laid in the water for thirty minutes to one-hour and recordings are taken over a two to three day period. The footage is then sent to the Department of Conservation and the University of Auckland for detailed analysis. Information such as the numbers, diversity and migration patterns of different fish species can then be generated and returned to the community.

All of this information will help the local community gain a far greater understanding of what's actually out there in their backyards and hopefully preserve it so future generations can experience the pleasure of the sea.

The Spirit Voyagers Club evolved out of the Spirit of Adventure Trust, which was established to provide the youth of New Zealand access to a character development programme, through sail training on vessels like the Spirit of Adventure and the Spirit of New Zealand. Members of the Spirit Voyagers Club are trainees who have completed a ten-day youth or disabled voyage on a trust vessel.

Thomas Lawson, spokesperson for the Spirit Voyagers Club, says the Club requested Sony's assistance with the Marine Monitoring Project because of Sony's reputation for outstanding reliability, ease of use, connectivity and overall toughness.

"The Camera has to be rugged, robust, totally reliable and able to cope with a variety of temperatures and lighting conditions"

Thomas Lawson, "Reliability was a key element in choosing Sony. A huge thank you to Sony for their donation". Sony is providing the Marine Monitoring Project with Camera hardware, DV tape stock, batteries and protective carry cases.

The Spirit Voyagers Club takes a new look at our marine environment

"We chose Sony because we knew what we were looking for in a camera and it had to fit our very specific and unique needs"

Home Audio Visual

22 Grand WEGA
25 LCD Projector
26 LCD Television
29 Flat Panel Display
32 Television
36 DVD and VCR
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46 Hi Fi Components
56 Hi Fi Systems

home entertainment/
designed to entertain

Whatever your passion, Sony will always have the right AV solution for you. Be truly mesmerized by the brilliant clarity of a WEGA television and be prepared for the acoustic thrills of S-Master digital audio. Every Sony solution has something to thrill your eyes or ears, or both. Are you ready?

The centerpiece of it all

A Sony WEGA isn't just a TV. It's a way of viewing the world. It's the heart of your home theatre set-up.

You can select from a range of styles and sizes – including TVs featuring the WEGA Engine picture enhancement system for the most realistic pictures you will ever see.

The stunning new Sony Grand WEGA has over 3 million total pixels for superior picture clarity. Featuring 3 independent LCD panels with over 3 million total pixels, the new Sony Grand WEGA will amaze.

The Source – DVD

Sony offers you an exciting range of multi-disc format DVD players / recorders and DAV systems that will fit every home and lifestyle. Each incorporates unique advanced technologies that allow you to customize an unforgettable home theatre solution that will meet your needs and budget. To complete your home cinema experience, Sony's AV receivers deliver awe-inspiring surround sound in up to 9.1 channels.

Get creative with the new RDR-HX910 HDD/DVD recorder featuring an i.LINK interface and a huge 250GB hard disk for over 420 hours of unlimited entertainment.

Instant-impact home cinema

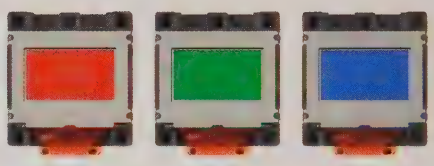
From all-in-one designer AV systems to stylish home cinema kits, Sony offers you easy options to make your next movie night an awe-insipiring experience. Enter a world of endless possibilities with Sony.

The perfect system to untangle your life, the Sony DAV-LF1 uses Sony's proprietary S-DIAT digitial technology to transmit audio to the rear speakers wirelessly.

'Fully resistant to screen burn, as slim as a conventional 14-inch CRT TV and more power efficient than equivalent-sized plasmas, the Sony Grand WEGA is set to change the way you watch TV'

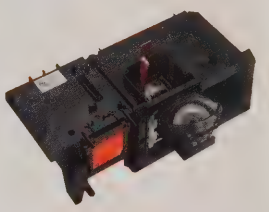
The perfect embodiment of Sony's technological mastery, the new Sony Grand WEGA is set to deliver a level of entertainment like no other television before. Featuring three high definition LCD panels and over 3 million total pixels for unbelievable picture detail, the Grand WEGA also features Sony's WEGA Engine picture processing and DRC enhancement technology to clearly and vividly reproduce the tiniest picture detail from any video source.

3LCD Over three million pixels



Employing the ingenuity of Sony's superior 3LCD technology the Grand WEGA features three high resolution W-XGA LCD panels with up to 3.15 million total pixels to vividly and clearly reproduce every single detail from any video source, including HD (High Definition) signals. The use of one LCD panel for each primary colour optimises natural colour reproduction.

Superior contrast / assured



The Grand WEGA features an Optical Engine with a unique green trim filter and UV filter that dramatically improves the contrast and deepens the blacks. Don't just believe, see it for yourself.

WEGA Engine / stunningly realistic images

WEGA ENGINE

Perfect image reproduction is assured thanks to Sony's highly acclaimed WEGA Engine picture processing circuit, featuring the industry's first 14-bit panel driver. This unique Sony technology is capable of processing all incoming video signals in true 100% digital, substantially reducing unnecessary video signal conversions for superior images.

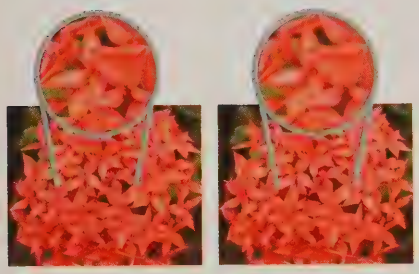
S-master Digital Amplifier Superior sound reproduction

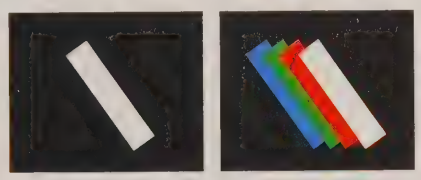
The Grand WEGA features Sony's award-winning S-Master digital amplification technology and a powerful 20W high capacity subwoofer for audio that remains dynamic and clearly defined at any volume. To ensure that every seat is the best seat in the house, Sony developed a unique vertical speaker system located on each side of the screen for a more consistent spread of sound.

Lighter than plasma

As light as equivalent-sized plasma TVs, yet slim enough for a conventional TV cabinet, the GRAND WEGA is simply perfect in any living room. The award-winning WS60 60-inch Grand WEGA weighs only 50kg and is only 52cm slim.

As light as, yet more power efficient than plasma
Zero picture flicker & Zero screen burn
Over three million total pixels for superior definition
HD Ready
Subwoofer for deep impactful bass
Double AR coated screen - reduces reflections and is perfect even in bright environments
User-replaceable long-life UHP lamp
Memory stick slot for still & movie playback


Grand WEGA has over 3 million total pixels for superior picture detail


3LCD technology eradicates colour breaking and ensures a stable colour reproduction

WEGA Engine for deeper blacks and superior detail in dark scenes

"The clarity, saturation, colour purity and detail were jaw-droppingly stunning"

- Tone Magazine, March 2005 Gold Award - WS60 Grand WEGA

More power-efficient than plasma

Sony's outstanding 3LCD projection technology is highly power efficient. The remarkable WE42 / WE50 Grand WEGA have a power consumption value of 210W (230W for the WS60) – significantly less than conventional CRT projection TVs and more efficient than equivalent sized plasmas.

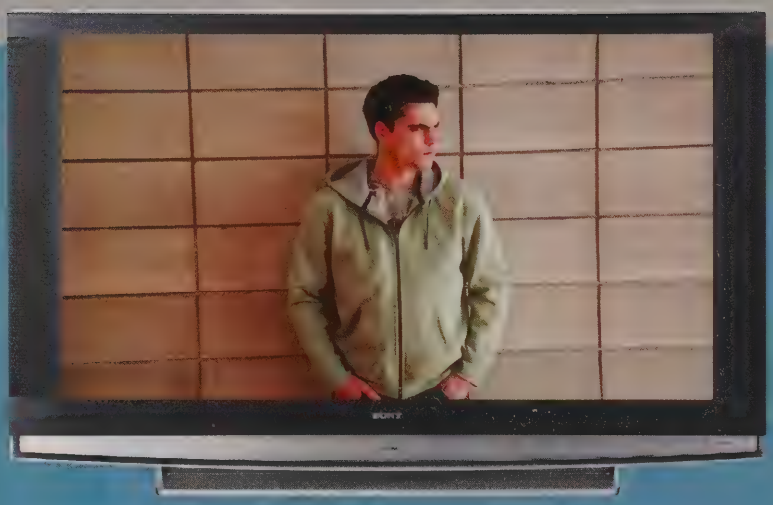
ZERO screen burn

Thanks to Sony's superior 3LCD technology, the Grand WEGA is totally immune from screen burn for worry-free home entertainment.

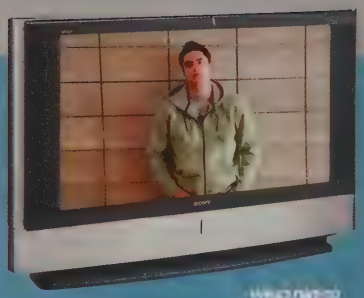
Every option not optional

Fully specified to keep you entertained for longer, every Grand WEGA is equipped with a **Memory Stick** slot that allows you to view your favourite JPEG images and movie clips like a slideshow. The **Picture and Picture** function lets you watch two programs simultaneously - great if you can't decide which channel to watch. Taking down those important phone numbers and recipes is a breeze thanks to the **Picture Freeze** function that allows you to temporarily freeze anything on TV, even live TV broadcasts. The Sony Grand WEGA is set to deliver a level of entertainment like no other television.

The latest Grand WEGA



WS60



WE42/WE50

Optional Cabinet

WE42/WE50/WS60
Grand WEGA

GRAND WEGA · WEGA ENGINE · 3LCD · HD READY · S-master · TruSurround SRS · GOLD AWARD

Specifications

- High definition triple W-XGA LCD panels
- 3.15 million total pixels for incredible picture detail
- DCI (Digital Constant Image) technology to eradicate image flicker
- WEGA Engine full digital picture processing
- DRC (Digital Reality Creation) enhancement with DRC Palette customization
- Unique vertical multi-speaker system with integrated subwoofer for superior sound reproduction
- S-Master digital amplification technology with TruSurround sound enhancement
- Integrated TV tuner with NICAM stereo and Fastext
- Memory Stick slot - supports JPEG image and MPEG1 movie slideshow playback
- Picture and Picture/Picture Freeze function
- HD (High Definition) 1080i signal compatible
- No Screen Burn – 100% fully inverted
- No convergence necessary
- User replaceable lamp – restore your Grand WEGAs performance for years of entertainment
- Low power consumption design

	WE42	WE50	WS60
LCD panel resolution	3 x W-XGA LCD (1386 x 788)	3 x W-XGA LCD (1386 x 788)	3 x W-XGA LCD (1386 x 788)
WEGA Engine picture enhancement	✔ (100% digital + 14-bit driver)	✔ (100% digital + 14-bit driver)	✔ (100% digital + 14-bit driver)
DRC High Density/DRC Prog./DRC Palette	✔ / ✔ / ✔	✔ / ✔ / ✔	✔ / ✔ / ✔
S-Master technology with subwoofer	✔	✔	✔
Trusurround/SteadySound	✔ / ✔	✔ / ✔	✔ / ✔
Picture and Picture/Picture Freeze	✔ / ✔	✔ / ✔	✔ / ✔
MS slot/Center speaker in/Wega Theatre mode	✔ / ✔ / ✔	✔ / ✔ / ✔	✔ / ✔ / ✔
S-video/DVD component inputs	4/2	4/2	4/2
Dimensions WxHxD (Weight)	1200 x 818 x 339mm (32Kg)	1376 x 927 x 403mm (38Kg)	1574 x 1005 x 518mm (50Kg)
Power consumption	210W	210W	230W

The latest Projectors

For the ultimate in home entertainment, look no further than the superb Sony VPL-HS50 home cinema projector. Featuring a 6000:1 contrast ratio – the industry's highest for a consumer LCD home cinema projector, the VPL-HS50 also incorporates a newly developed ARC-F lens that delivers picture clarity of an unrivalled level.

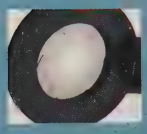
"...You'll forget all about pixels as you marvel at the definition, detail and clarity."
– Term magazine, April 2005 (Editors Choice Award)

VPLHS50
Cineza Home Theatre Projector

HDMI cineza HD ready

Specifications

- High definition three W-XGA LCD panels (1280 x 720)
- 6000:1 contrast ratio – industry's highest for LCD home cinema projector
- Optical lens shift function with up to 100% vertical shift
- Newly-developed ARC-F short-throw lens for superior definition and consistent brightness
- MLA technology to reduce LCD grid pattern
- Full digital picture processing with 12-bit panel driver
- Flexible 1.6x optical zoom
- Real Color Processor for independent adjustment of colours
- 1200 ANSI Lumens
- 24dB whisper quiet operation – quietest CINEZA ever
- Ultra-reliable UHP Lamp technology
- HDMI digital video input
- Backlit remote control
- HD (High Definition) 1080i signal compatible



6000:1 Contrast ratio/Advanced iris system
Developed by Sony, the Advanced Iris system automatically adjusts the brightness and contrast of images in real time for vivid blacks and superior image reproduction.

Precision lens for precise images
Newly developed Sony All Range Crisp Focus lens that improves corner sharpness up to 30%. Ensures images stay bright and sharp regardless of the projected screen size.

Optical lens shift technology
Place the projector at an angle and achieve a perfectly aligned image with no degradation in picture quality. The optical lens shift technology is extremely flexible with up to 100% vertical image shift.

Whisper quiet operation
The quietest Sony home cinema projector ever thanks to Sony's unique fan technology, incredibly quiet at only 24dB.

	VPLHS50
LCD panel resolution	3 x W-XGA (1280 x 720)
Contrast ratio / Brightness	6000:1/1200 ANSI Lumens
Contrast enhancement technology	Cinema Black Pro with Advanced Iris system
Picture enhancement circuit	Full digital with 12-bit panel driver
HDMI/DVD component/S-video/composite input	1/1/1/1
Projection lens	Short throw ARC-F lens with 1.6x optical zoom
Real Color Processor	Yes (independent picture colour adjustment)
Projection size	40-inch - 200-inch
Short throw distance	80-inch image from 2.4m
Dimensions WxHxD (Weight)	348 x 135 x 360mm (5.6Kg)

LMPH130
Replacement 135W
UHP lamp for VPL-HS50

www.sony.co.nz/wegothestro

LCD WEGA / Liquid Clarity

Clear Bright LCD / Beyond Comparison

A technology that substantially reduces glare and increases clarity no matter what you watch or where you watch it. A groundbreaking innovation that improves LCD contrast to previously unattainable levels. A unique Sony development that re-defines the image, pixel by pixel for picture definition that truly mesmerizes. The highly acclaimed Sony Clear Bright LCD technology is now available on Sony LCD WEGA. Visit your nearest Sony retailer to experience the difference.

Smooth surface for crystal clarity

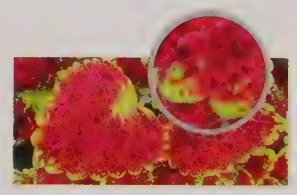
Conventional LCD screens have a matte surface designed to reduce reflections. Although effective at reducing glare, a matte surface has a tendency to scatter the light produced by the LCD and may result in reduced picture vitality. Sony's Clear Bright LCD technology features a smooth anti-glare surface that substantially improves light transmission through the LCD panel for higher contrast and richer colour reproduction with minimal reflection. The end result is stunning picture clarity, true-to-life colours and incredible picture definition.

Conventional LCD.

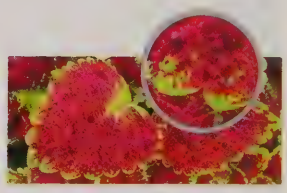
Clear Bright LCD. With Clear Bright technology, Sony LCD WEGA is able to produce pictures with rich colours, sharpness and high contrast.

Superior Detail / HD LCD Panel

All Sony LCD WEGA (except KLV20SR3) are equipped with a high definition XGA resolution panel to convey the detailed beauty of high resolution image sources. Fully compatible with HD (High Definition) video signals, Sony LCD WEGA also provides a 170 degree viewing angle, both horizontal and vertical that lets you enjoy the same vivid images from virtually any angle.



SD Panel



HD Panel

Panel Driver IC System

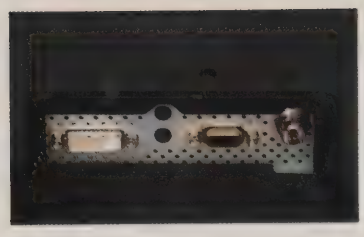
Sony's advanced Panel Driver IC system is designed to reduce the motion blur that is often associated with conventional LCD displays. The Panel Driver IC system works in conjunction with WEGA Engine processing circuitry to substantially improve the "responsiveness" of images that have medium brightness (such as skin tones), where conventional LCD TVs tend to exhibit motion blur. This Sony technology ensures a smoother, faster response to moving images for a more natural image reproduction.

Without LCD Panel Driver IC

With LCD Panel Driver IC

ErgoBright Active Light Control

A technology that continually perfects the picture brightness for you, ErgoBright technology automatically adjusts the backlight in real time according to the brightness of the surrounding environment. This function makes the display more comfortable for the viewer's eyes – especially for extended periods of viewing.



HD15 & DVI computer inputs

MFMHT75W

17" Widescreen multi-function LCD WEGA Television

WEGA PCInput HD READY TruSurround by SRS

The new benchmark for visual brilliance, the new MFM-HT75W LCD TV features Sony's award-winning Clear Bright LCD technology for stunning image reproduction. Thanks to digital DVI and analogue computer inputs, the MFM-HT75W is both Mac and PC computer compatible.

MFMHT95

19" multi-function LCD WEGA Television

WEGA PCInput HD READY TruSurround by SRS

Featuring a high resolution 19-inch LCD panel and Sony's award-winning Clear Bright LCD technology, the new MFM-HT95 LCD TV features computer inputs and a versatile Picture in Picture function that allows you to watch TV while you work on your computer. Ultra-fast 12ms response time and superior 1000:1 contrast ratio.

KLV20SR3

20" LCD WEGA Television

WEGA

Fully specified with features such as Picture Freeze and an integrated TV tuner with NICAM stereo reception, the superb KLV20SR3 also features a swivel and tilt stand and convenient side-mounted AV inputs.

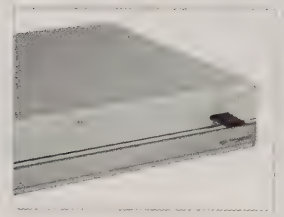
	MFMHT75W	MFMHT95	KLV20SR3
LCD technology	Sony Clear Bright LCD	Sony Clear Bright LCD	VGA (640 x 480)
LCD panel resolution	W-XGA (1280 x 768)	S-XGA (1280 x 1024)	✓ / ✓ / ✓ /x
TV tuner/Nicam stereo/Fastext/HD ready	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓	Intelligent Picture
Picture Enhancement technology	Int. Picture with Ergobright light sensor	Int. Picture with Ergobright light sensor	n/a
LCD contrast ratio / Brightness	800:1 / 450cd/m2	1000:1 / 450cd/m2	16ms (incl. mid-brightness images)
LCD response time	16ms (incl. mid-brightness images)	12ms (incl. mid-brightness images)	170 deg (horizontal and vertical)
Viewing angle	170 deg (horizontal and vertical)	170 deg (horizontal and vertical)	Virtual Dolby/BBE
Speaker system	Triple speaker with center subwoofer	Triple speaker with center subwoofer	1/1/2/-
Computer input	DVI / Analog HD15 (Mac compatible)	DVI / Analog HD15 (Mac compatible)	-/-/ ✓
Additional features	Picture in Picture / Trusurround WOW	Picture in Picture / Trusurround WOW	Picture Freeze/Tilt & Swivel stand

www.sony.co.nz/ourtheatre

KLVMR32S2

32" High-end Widescreen LCD WEGA Television

WEGA · WEGA ENGINE · MEMORY STICK · HD READY · TruSurround by SRS



Media Receiver

The successor to the highly acclaimed KLVL32MRX1 LCD TV, the new KLVMR32S2 features a high resolution LCD panel and a unique floating glass design. Includes a separate media receiver unit with Memory Stick slot for convenient connection to AV components.

KLV26HG2

26" Widescreen LCD WEGA Television

WEGA · WEGA ENGINE · MEMORY STICK · HD READY

Incorporating a unique solid brushed aluminium design, the KLV26HG2 features Sony's WEGA Engine picture processing and a high resolution W-XGA panel for unbelievable picture reproduction. Memory Stick slot and Picture Freeze.

KLVL32M1

32" LCD WEGA Television

WEGA · WEGA ENGINE · HD READY

A perfect all-in-one solution, the high resolution KLVL32M1 LCD TV features Sony's highly acclaimed WEGA Engine picture processing and DRC technology for superior image reproduction. The Picture Freeze function even allows you to temporarily pause live TV.

	KLV26HG2	KLVL32M1	KLVMR32S2
LCD panel resolution	W-XGA (1280 x 768)	W-XGA (1366 x 768)	W-XGA (1280 x 768)
TV tuner/Nicam stereo/Fastext/HD ready	✓/✓/✓/✓	✓/✓/✓/✓	✓/✓/✓/✓
Picture Enhancement technology	WEGA Engine	WEGA Engine	WEGA Engine
DRC1250/DRC Prog./DRC Palette adjustment	DRC without customization	DRC without customization	✓/✓/✓
LCD response time	16ms (incl. mid-brightness images)	16ms (incl. mid-brightness images)	16ms (incl. mid-brightness images)
Viewing angle	170 deg (horizontal and vertical)	170 deg (horizontal and vertical)	170 deg (horizontal and vertical)
Sound enhancement	Virtual Dolby / BBE	Virtual Dolby / BBE	Trusurround / BBE
Composite/S-video/SCART/DVD component in	1/1/2/1	1/1/3/1	4/4/-/2
Centre speaker input/MS slot/Headphone out	✓/✓/✓	✓/x/✓	✓/✓/✓
Additional features	Picture Freeze/Tilt stand	Picture Freeze	Twin PiP/Picture Freeze/Subwoofer out

Plasma WEGA / Picture Perfection

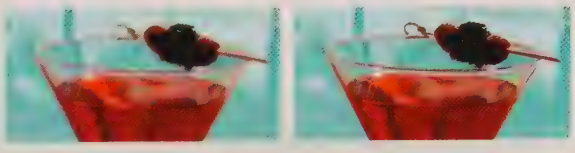
WEGA ENGINE

When Sony first introduced the highly acclaimed Digital Reality Creation technology in 1998, it completely revolutionized the visual entertainment experience on TV. Sony has raised the bar again with the highly acclaimed WEGA ENGINE picture processing circuit. Delivering superb picture quality from various signal sources by minimizing the number of analog-to-digital conversions, Sony's WEGA Engine maximizes picture performance by reducing noise and enhancing picture detail through full digital picture processing.

WEGA ENGINE

Benefits of WEGA Engine

Better Resolution
WEGA Engine's exclusive Digital Reality Creation-Multi Function creates a high-density picture from the original source by doubling the number of vertical lines and increasing the number of horizontal pixels to four times the original. This technology delivers increased resolution, sharper details and smoother, more natural motion. What's more, you will see images with highly accurate depth perception.

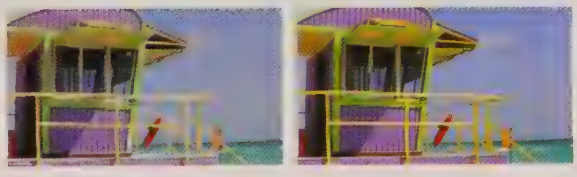


Without WEGA Engine | With WEGA Engine

Realer than Real
Featuring the world's first 14-bit Multi-Image Driver that is substantially more precise than conventional 10-bit systems, WEGA Engine is capable of enhancing the reality and depth of all video signals. It's never been more appropriate to refer to your TV as a window to the world.

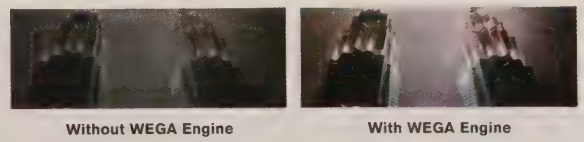
Without WEGA Engine 10-Bit | With WEGA Engine 14-Bit

Less Noise
Conventional picture processing circuits feature analogue-to-digital-to-analogue conversions that normally increase video noise and decrease picture quality. WEGA Engine bypasses these steps completely by processing all incoming video signals in 100% digital for significantly reduced picture noise levels. Thanks to WEGA Engine's 3D digital comb filter, colour separation is vastly improved and superb clarity is accompanied by images that are stable, accurate and smooth.



Without WEGA Engine | With WEGA Engine

Higher Contrast / Amazing Detail in dark scenes
Featuring the industry's first 14-bit panel driver IC circuit, Sony's WEGA Engine provides the optimum number of subfields for each scene. This allows the Sony WEGA TV to reproduce over 1,024 shades of gradation, letting you see the finest detail in dark scenes for a naturally superior image reproduction.



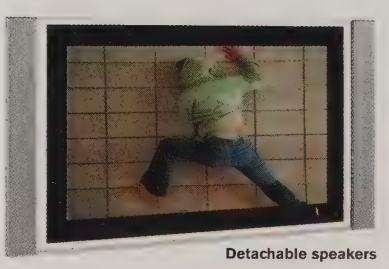
Without WEGA Engine | With WEGA Engine

Over 1 billion colours
WEGA Engine's digital processing system includes High Picture Quality Conversion Circuitry. This Sony technology, including the first-ever 14-bit Multi-Image Driver, ensures continuous scaling and fine-tuning of each individual picture parameter. The 14-bit panel driver allows for over a billion colours ensuring that you get to see colours as they really are.

KEMR61S2

61" MR series Plasma WEGA Television

HD READY · TruSurround by SRS · MEMORY STICK · WEGA ENGINE · WEGA



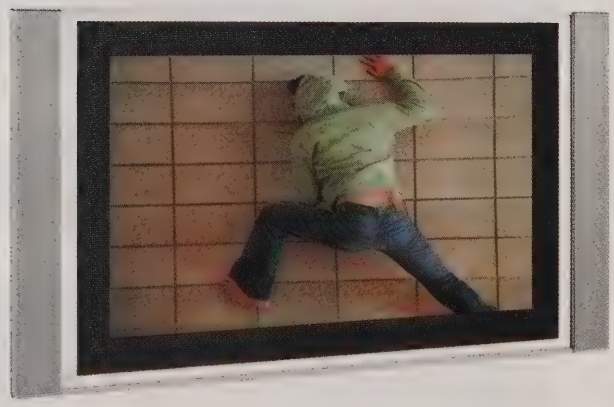
Detachable speakers

A work of art turned on and off, the new 61-inch KEMR61S2 Plasma WEGA TV features a high resolution W-XGA plasma panel that is contained within a solid floating glass panel. For stunning image reproduction, the KE61MR2E incorporates Sony's highly acclaimed WEGA Engine fully digital picture processing circuit to deliver unbelievable picture detail and superior contrast.

KEMR50S2

50" MR series Plasma WEGA Television

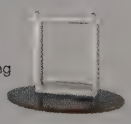
WEGA · WEGA ENGINE · MEMORY STICK · TruSurround by SRS · HD READY



The "smaller-sized" equivalent of the KEMR61S2, the beautiful KEMR50S2 50-inch Plasma WEGA TV sets a new benchmark for design and image brilliance. The separate media reciever unit allows you to conveniently connect all your AV components with only one cable from the receiver unit to the plasma.

MATCHING ACCESSORIES

SUPF2
MX Series Floating Glass Stand



FP Cabinet
Optional Flat Panel Cabinet

	KEMR61S2
Screen size	61-inch
Plasma panel resolution	W-XGA (1365 x 768)
TV tuner/Nicam stereo/Fastext/HD ready	✓/✓/✓/✓
Picture Enhancement technology	WEGA Engine
DRC1250/DRC Prog./DRC Palette adjustment	✓/✓/✓
Colour reproduction circuit	1 billion colours
Centre speaker input/MS slot/Media receiver unit	✓/✓/✓
Sound enhancement	Trusurround/BBE
Additional features	Picture and Picture/MR unit
Dimensions WxHxD (Weight)	1797x937x110 (71Kg)

KEMX42S1
KEMX37S1
MX Series Plasma WEGA Television

WEGA · WEGA ENGINE · MEMORY STICK · TruSurround by SRS · HD READY

Stunning image reproduction is always assured thanks to a high quality ALIS-type high resolution plasma display panel and Sony's WEGA Engine picture processing circuit. The uniquely styled MX series Plasma WEGA televisions are fully specified with features such as NICAM stereo, TruSurround sound enhancement and uniquely designed vertical speakers for superior sound.

TABLE TOP STAND: SUPT2M WALL MOUNT BRACKET: SUPW2

KEMV42A1
42" Plasma WEGA Television

TruSurround by SRS · WEGA ENGINE · WEGA

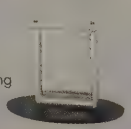
The KEMV42A1 Plasma WEGA TV is equipped with unique features such as Picture Freeze that allows you to pause live TV. Sony's highly-acclaimed WEGA Engine technology delivers superior contrast and incredible picture reproduction.

OPTIONAL CABINET: SUMV42

OPTIONAL WALL MOUNT BRACKET: SUPW2

KEMR50S2	KEMX42S1	KEMX37S1	KEMV42A1
0-inch	42-inch	37-inch	42-inch
V-XGA (1365 x 768)	W-XGA (1024x1024)	W-XGA (1024x1024)	W-VGA (852 x 480)
✓/✓/✓/✓	✓/✓/✓/✓	✓/✓/✓/✓	✓/✓/✓/SC
VEGA Engine	WEGA Engine	WEGA Engine	WEGA Engine
✓/✓/✓	✓/✓/✓	✓/✓/✓	DRC w/o customization
billion colours	1 billion colours	1 billion colours	1 billion colours
✓/✓/✓	✓/✓/x	✓/✓/x	✓/x/x
rusurround/BBE	Trusurround/BBE	Trusurround/BBE	Virtual Dolby
icture & Picture/MR unit	Subwoofer output	Subwoofer output	Picture Freeze
573x856x108 (53Kg)	1229x678x110 (38Kg)	1135x617x110 (33Kg)	1075x750x110 (39.5Kg)

SUPW2
Optional Wall Mount



SUPF2
MX Series Floating Glass Stand

www.sony.co.nz/wngathaatre

With the right television, your home entertainment experience will be intensified. Sony's range of WEGA TVs offer you a full array of viewing possibilities that deliver precise, beautiful images. Set your sights on Sony.

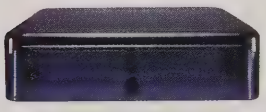
How flat is flat?

Flatness you will appreciate

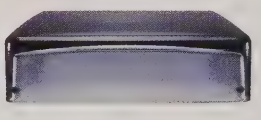
Innovation has always been an important part of Sony's culture and history. Back in the 1960s, Sony's policy of innovation led to the development of the world's first vertically flat colour TV. In 1997, Sony released the world's first truly flat screen TV, by introducing ground-breaking FD Trinitron technology.

Today, almost every brand of TV has a flat picture tube, but not all flat screen TVs are created equal

Did you know that conventional flat screen CRT TVs are flat on the outside but not on the inside? Corners appear darker and lines may not appear straight when they should be. Only a Sony TV can give you the flattest image possible. This is because Sony picture tubes are virtually flat on the inside and completely flat on the outside – all part of Sony's Emmy award-winning FD Trinitron technology.



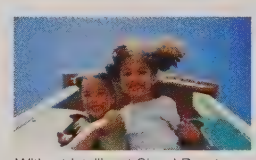
Sony Super Flat Glass Panel



Conventional Flat TV

Intelligent Signal Booster

In areas where television reception is poor, receiving a good broadcast signal can be difficult. You may end up watching snowy and fuzzy broadcast images. But thanks to Sony's new Intelligent Signal Booster and Intelligent Picture technology, a clearer picture will always be assured regardless of what you watch on TV. Intelligent Signal Booster is a system that significantly improves the picture quality by automatically strengthening weak RF signals. It is a new technology that is integrated into the latest models of Sony WEGA TVs. The picture quality on your television screen is enhanced further by Intelligent Picture, a unique Sony technology that automatically optimizes contrast and reduces picture noise levels.



Without Intelligent Signal Booster

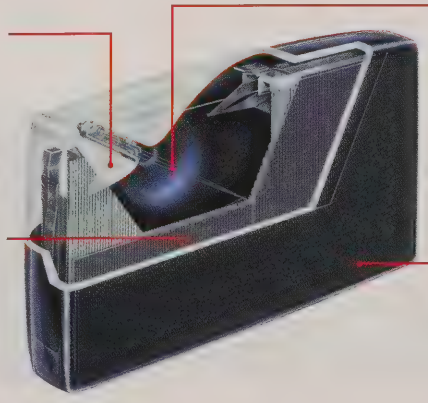
With Intelligent Signal Booster

For the ultimate in picture quality / FD Trinitron

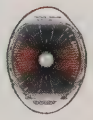
Every Sony CRT TV shares the same superior FD Trinitron technology. FD Trinitron is a Sony exclusive technology that consists of four important components – each working together to give you the ultimate in picture quality.

High Focus Electron Gun
Sony's high focus electron gun is extremely precise for amazing colour and detail.

Finer Pitch Aperture Grille
The aperture grille is a unique Sony technology that consists of a series of vertical slits stretching from the top to the bottom of the screen. It allows more electrons through than conventional shadow mask-type TVs. For this reason Sony TVs are brighter and more detailed than conventional CRT TVs.

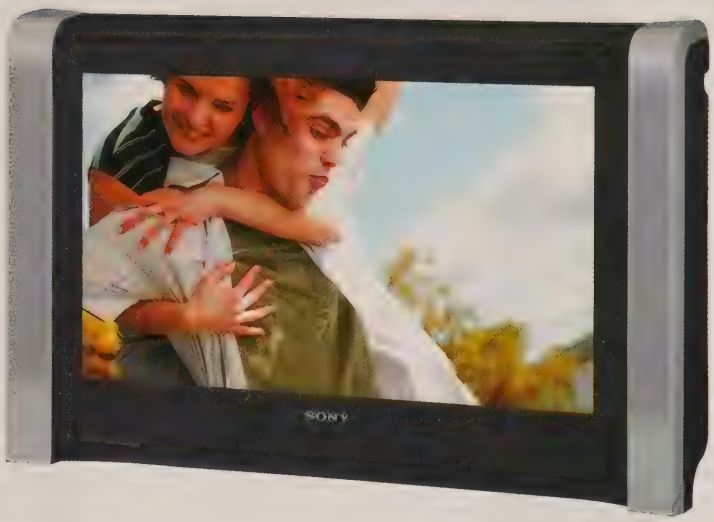


High Precision Deflection Yoke
The high precision deflection yoke produces extremely precise and ultra-consistent video images, right across the entire TV screen.



Super Flat Glass Panel
The super flat glass panel provides more detail all the way to the edge of the screen. The wide viewing angle means no matter where you are in the room you'll enjoy superb picture quality.

OPTIONAL CABINET: SUDA32G



DA32

32" FD Trinitron WEGA Television

Featuring Sony's highly acclaimed WEGA Engine picture processing circuit, the 100Hz DA series WEGA TVs also feature DRC technology that adds up to double the lines and pixels to the video signal for superior picture definition. Coupled to a true flat glass panel and a finer pitch aperture grille, picture perfection is virtually guaranteed regardless of what you watch.

SA32
SA28

32" and 28" FD Trinitron Widescreen WEGA Television

OPTIONAL CABINET: SUSA28/32

The new SA series widescreen WEGA TV is the perfect choice, thanks to Sony's award-winning FD Trinitron technology, it is fully specified with features that include Picture in Picture, S-video and DVD component inputs.

	DA32	SA32	SA28
Picture Enhancement	WEGA Engine	Intelligent Picture	Intelligent Picture
DRC Technology	DRC100/1250/PRG	x (50Hz)	x (50Hz)
HD / Progressive Signal Compatible	✓	x	x
Sound Enhancement	TruSurround WOW	TruSurround WOW	TruSurround WOW
Nicam / Teletext	✓ / ✓	✓ / ✓	✓ / ✓
Picture and Picture / Picture in Picture	✓ /x	x/ ✓	x/ ✓
Intelligent Signal Booster	✓	✓	✓
5 Band Graphic Equaliser	✓	✓	✓
S-Video / DVD Component input	2/2	2/1	2/1
Optional Cabinets	SUDA32/SUDA32G	SUDSA32/SUDA32G	SUSA28/SUDA28G

HR36/HR32

FD Trinitron Widescreen WEGA Television

HR Series Widescreen WEGA TV featuring a Super Fine Pitch screen. Incorporating WEGA Engine technology and a convenient Memory Stick slot for easy playback of your digital still images. Available in 36" and 32" screen sizes.

OPTIONAL CABINET: SUHR36/SUHRHX32

SW29/SW25

29" and 25" FD Trinitron WEGA Television

Unlike any conventional single scan TV, the SW25/SW29 features a finer pitch aperture grille and internally flat glass panel for superior images regardless of what you watch. If you live in an area with poor TV reception, you will appreciate the new Intelligent Signal Booster system that automatically strengthens TV signals for a clearer picture.

	HR36/HR32	SW29	SW25
Picture Enhancement	WEGA Engine	Intelligent Picture	Intelligent Picture
DRC technology	DRC100/1250/PRG/DRC Pallete	-	-
HD/Progressive signal compatible	✓/✓	-	-
Sound enhancement	Trusurround/BBE	Simulated Surround	Simulated Surround
Nicam Stereo / Fastext	✓/✓	✓/✓	✓/✓
Intelligent Signal Booster	-	✓	✓
S-video / DVD component input	2/2	-/1	-/1
5 band graphic equalizer	Bass and Treble only	✓	✓
Additional features	MS slot/PaP/3D subwoofer	Wing speaker system	Wing speaker system
Optional cabinets	SUHR36/SUHRHX32	SUSW29	SUSW25

FX432
43" Rear Projection WEGA Television

43" 100Hz Rear projection WEGA TV featuring DRC technology for stunning images (108cm visible screen size).

FW46
46" Rear Projection Widescreen WEGA Television

46" 100Hz widescreen projection WEGA TV that incorporates WEGA Engine technology for unbelievable definition (108 visible screen size). The convenient Memory Stick slot lets you play back your favourite digital images and video clips.

AR212
21" FD Trinitron WEGA Television

Stylish WEGA TV featuring a large 3.2 litre bass enclosure and a 5-band graphic equalizer for incredible sound quality (51cm visible screen size). The Portable Audio mode even allows you to connect personal audio devices for sound.

BM212
BM142
FD Trinitron WEGA Television

BM142

New WEGA TV featuring convenient top mounted controls and a user-friendly on screen menu system (34cm visible screen size). Features Intelligent Picture for superior image quality.

BM212

Same as BM142 with a 21" FD Trinitron picture tube (51cm visible screen size).

	FX432	FW46	AR212	BM212	BM142
Screen technology	Super Pro-Optic	Super Pro-Optic	FD Trinitron	FD Trinitron	FD Trinitron
DRC technology	DRC100/1250/Progressive	DRC100/1250/Progressive	-	-	-
HD/Progressive signal compatible	✓/✓	✓/✓	-	-	-
Sound enhancement	Trusurround/BBE	Trusurround/BBE	Trusurround/BBE	Simulated Surround	Simulated Surround
Nicam Stereo/Fastext	✓/✓	✓/✓	✓/x	x/x	x/x
Intelligent Signal Booster	-	-	✓	✓	✓
S-video/DVD component input	2/2	2/2	1/1	-	-
5 band graphic equalizer	Bass and Treble only	Bass and Treble only	✓	✓	✓
Intelligent Picture/Intelligent Volume	✓/✓	✓/✓	✓/✓	✓/✓	✓/✓
Additional features	MS slot/PaP/Center input	MS slot/PaP/Center input	Subwoofer/PAM	Sound mix terminal	Sound mix terminal

Sony DVD Recorders / entertainment unlimited

Despite winning the prestigious EISA awards for European DVD recorder of the year for the past two years, Sony has still found new ways to improve its 2005 range of DVD recorders. Beautifully crafted using the highest quality components, Sony's 2005 DVD recorders feature improved intelligence and new innovations, such as dual layer DVD recording on the RDR-HX series and i.LINK inputs on every model.

Dual Layer recording / double the entertainment

Following the introduction of the world's first Dual RW compatible DVD recorder, Sony has now introduced the first ever Dual Layer-compatible range of DVD recorders.

Sony DVD recorders have the ability to record on DVD+R / DVD-R / DVD+RW / DVD-RW formats and the new Sony RDR-HX710 and RDR-HX910 DVD recorders now include dual layer DVD+R recording for an unbelievable 14 hours of recording time on a single disc.

Real Easy to Use

Sony understands that for many, recording to DVD is a completely new experience. That's why the new 2005 range of Sony DVD recorders feature a new user-friendly on screen display system with visual thumbnails so that you can spend more time enjoying and less time worrying. With an easy to use interface that includes a quick set-up menu and clear simple options, using a Sony DVD recorder is truly a breeze.

Chasing Playback

Start watching the beginning of a TV program you are recording even before you finish recording the end. Simply start playback from DVD or hard disk, and by skipping through unnecessary scenes, you may even be able to catch up to real time.

12bit/108MHz Video DAC with Precision Cinema Progressive

The Sony RDR-HX series DVD recorders feature a high quality 12bit/108MHz Video DAC with Sony's Precision Cinema Progressive technology for stunning picture quality and pixel perfect image reproduction of your favourite recordings and DVDs. Sony DVD recorders even have the ability to convert normal incoming interlace signals and output as progressive through the DVD component output.

Designed by the discerning for the discerning

The 2005 range of Sony DVD recorders are lovingly crafted with high quality components for superior performance.

DVD drive mechanism with anti-vibration cushioning stabiliser

The latest HDD/DVD Recorders

Replacing the critically-acclaimed RDR-HX900, voted the 2004 What Hi-Fi HDD/DVD recorder of the year, the new Sony RDR-HX910 features a high capacity 250GB hard disk for an unbelievable 428 hours of recording time. Featuring dual layer DVD recording capabilities, the RDRHX910 is also incredibly easy to use thanks to a new ultra-responsive on screen menu system with convenient visual thumbnails. Designed with intelligence, the RDR-HX910 features a new Intelligent Scene Chaptering system that even allows the DVD recorder to detect ad breaks so that they can be quickly and conveniently removed. The RDR-HX910 is simply the ultimate dual format digital recording solution for your home.

RDR-HX910
HDD/DVD recorder with 250GB hard disk and i.LINK interface

250GB

Over 420 hours of entertainment
Record every episode of your favourite TV program with capacity for more. The Sony RDR-HX910 features a huge 250GB hard disk for up to 428 hours of video recordings. A quick start-up time and a responsive on screen menu system ensure that you spend more time enjoying and less time waiting.

RGB SCART input for the highest quality recordings
The RDR-HX910 features a RGB signal-capable SCART input that allows you to capture perfect and precise recordings of your favourite programs from a New Zealand digital satellite set-top box.

Recordings that are beyond DVD quality
The Sony RDR-HX710 and RDR-HX910 DVD recorders are so good that you can record video footage to hard disk beyond the quality of conventional DVD. Featuring Sony's exclusive HQ+ recording mode that records at a rate of 15MB/second, outstripping the 11MB/second of traditional DVD recorders, superior quality recordings are always assured.

Specifications
- DVD+R/-R/+RW/-RW multi-format DVD recording and playback
- Dual Layer DVD+R DL record capability (8.5GB – over 14 hrs recording on 1 disc)
- High capacity 250GB HDD – 428 hrs recording
- MP3/VCD/JPEG PhotoCD playback
- Chasing Playback – record and playback simultaneously
- HQ+ record mode – for recordings that are beyond DVD quality
- PAL/NTSC Precision Cinema Progressive
- High quality 12bit/108MHz Video DAC for precise video playback
- G Code programming
- User-friendly on screen menu system
- Intelligent Scene Chaptering
- Quick Start-Up Time
- Pre/Post Video Equalizer – adjust the picture before and after recordings
- AV Sync – manually adjust audio and picture sync
- 64x high speed dubbing from HDD to DVD
- i.LINK interface
- RGB SCART input
- High quality components

* Available in June

RDRHX710

HDD/DVD recorder featuring a 160GB hard drive and i.LINK input

Incorporating a large 160GB hard drive and dual layer DVD recording capabilities, the new Sony RDR-HX710 features a convenient i.LINK input and HQ+ recording mode for recordings that are beyond DVD quality.

• DVD+R/-R/+RW/-RW multi-format DVD recording and playback • Dual Layer DVD+R DL record capability (8.5GB – over 14 hrs recording) • High capacity 160GB HDD – over 260 hrs recording) • MP3/VCD/JPEG PhotoCD playback • Chasing Playback – record and playback simultaneously • HQ+ record mode – for recordings that are beyond DVD quality • PAL/NTSC Precision Cinema Progressive • High quality 12bit/108MHz Video DAC • G Code programming • User-friendly on screen menu system • Intelligent Scene Chaptering • Quick Start-Up Time • Pre/Post Video Equalizer • AV Sync – manually adjust audio and picture sync • 64x high speed dubbing from HDD to DVD • i.LINK interface • 160GB HDD

RDRGX210

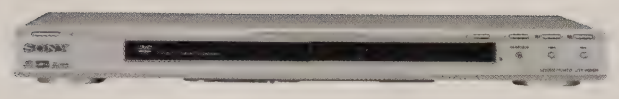
DVD recorder featuring an i.LINK interface and Picture in Picture

i.LINK DV Input

The new Sony RDR-GX210 features multi-format DVD+R/-R/+RW/-RW record compatibility and a Handycam-friendly i.LINK connection. Features high quality components including gold plated AV terminals.

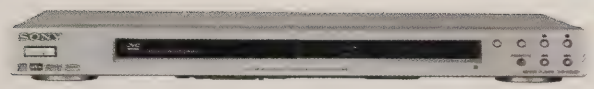
• DVD+R/-R/+RW/-RW multi-format DVD recording and playback • PAL/NTSC Progressive Scan • Picture in Picture • Picture Zoom function • User-friendly on screen menu system • i.LINK interface • Multi-brand TV remote

	RDRHX710	RDRGX210
CD/MP3/VCD/SVCD/JPEG Photo playback	✓/✓/✓/✓/✓	✓/✓/✓/✓/✓
DVD+R/-R/+RW/-RW/+R DL record and playback	✓/✓/✓/✓/✓	✓/✓/✓/✓/✓ /DVD+R DL playback only
Precision Cinema Progressive	PAL / NTSC	PAL / NTSC
Max. recording time to DVD	Over 14 hrs (DVD+R DL)	8 hours
Max recording time to HDD	Over 260 hours	n/a
Integrated TV tuner / NICAM Stereo / G Code	✓/✓/✓	✓/✓/✓
i.LINK interface	✓	✓
Pre / Post Video Equalizer	✓	x
Multi-brand TV remote	✓	✓
Additional features	HDD functions/Dynamic VBR/AV Sync	Picture in Picture/Picture Zoom



DVPNS50PB/PS
PAL/NTSC Progressive DVD player

Entry Sony DVD player featuring Sony's Precision Drive Pro laser mechanism for skip-free disc playback. Incorporates a high quality 12bit/108MHz Video DAC with PAL/NTSC Precision Cinema Progressive for superior picture quality. Available in black and silver.



DVPNS52P
PAL/NTSC Progressive DVD player

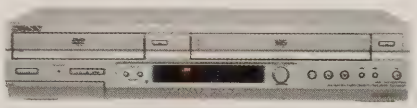
Sony DVD player featuring a high quality 12bit/108MHz Video DAC for superior picture quality. Also features DiVX playback and PAL/NTSC Precision Cinema Progressive scan.

DVPNC62K
PAL/NTSC Progressive Multi-disc DVD player

Versatile multi-disc DVD player featuring Sony's Precision Drive Pro laser mechanism and a high quality 12bit/108MHz Video DAC for superior picture quality. Also features DiVX playback and karaoke function with microphone inputs.

DVPNS955V
QS Design DVD/CD/SACD Player

QS range DVD/CD/Super Audio CD player featuring high quality components that include a 12bit/108MHz Video DAC with PAL/NTSC Precision Progressive Scan for superior picture quality. Multi-channel SACD and DivX playback capable.



SLVD940P
DVD/VCR Combo

Versatile DVD/VCR combo player with progressive scan playback. 6 head NICAM stereo and EZY Jog Dial timer recording.

DVPK870P
DVD player with Karaoke function

Versatile DVD player featuring progressive scan and karaoke function for hours of entertainment. Twin microphone inputs with pitch and volume control.

EZ745
6 Head NICAM Hi Fi Stereo VCR

Sony 6 head VCR with NICAM stereo and user-friendly EZY Jog Dial timer recording. Features G Code programming and NTSC playback.

	DVPNS955V	DVPNS52P	DVPNS50PB/PS	DVPNC62K
Laser drive mechanism (Dynamic Tilt Laser)	Precision Drive Pro	Precision Drive Pro	Precision Drive Pro	Precision Drive Pro
CD/CDR/CDRW/VCD/DivX/SACD Multi-ch playback	✓/✓/✓/✓/✓/✓	✓/✓/✓/✓/✓/x	✓/✓/✓/✓/x/x	✓/✓/✓/✓/✓/x
MP3 / JPEG PhotoCD playback	✓/✓ (DVD format compatible)	✓/✓ (DVD format compatible)	✓/✓ (DVD format compatible)	✓/✓ (DVD format compatible)
Video DAC	12bit/108MHz NSV	12bit/108MHz	12bit/108MHz	12bit/108MHz
PAL/NTSC Progressive scan	✓ (Precision Cinema Prog)	✓ (Precision Cinema Prog)	✓ (Precision Cinema Prog)	✓ (Precision Cinema Prog)
Fast / slow play with sound	x	✓	✓	✓
Video Equalizer / TV Virtual surround modes	✓/✓	✓/✓	✓/✓	✓/✓
Sharpness adjustment / Block Noise Reduction	✓/✓	✓/✓	✓/✓	✓/✓
Multi-disc resume	Up to 40 discs	Up to 6 discs	Up to 6 discs	Up to 6 discs
Additional features	AV Sync adjust/SACD 5.1 output	Multi-brand TV remote/DivX playback	Multi-brand TV remote/Black & silver	5 disc chngr/Karaoke funct/2xmic inputs

PS2.
PlayStation.2

new PlayStation.2

NEW PlayStation®2 - smaller, slimmer and network ready

PlayStation®2 is the most popular computer entertainment system in the world - and New Zealand - truly a global entertainment phenomenon.

Now there's a new PlayStation®2 on the block: although much smaller and sleeker than before, the new model has the same design philosophy and functionality as the current version. The internal architecture has been completely redesigned, resulting in a slimmer and more lightweight design. With its internal volume reduced by 75%, weight halved, and thickness trimmed down to 2.8 cm (from the current model's 7.8 cm), it is now as thick as just two DVD cases, making it easy to carry around and enjoy games and DVD videos anywhere there's a TV.

Equipped with an integrated Ethernet port for network gaming, the new PlayStation®2 sets new standards in the fusion of design and functionality.

The PlayStation®2 features:

- Includes Analog Controller DUALSHOCK®2.
- DVD and CD playback - enjoy movies, music and games.
- Backward compatibility - also plays PlayStation® (PS one®) games.
- Integrated Ethernet port for online gameplay.
- Two USB ports - connect the Eyetoy® camera and SingStar® microphones, plus steering wheels, etc.
- Built-in IR receiver for remote control.
- DVD-RW/+RW playback.
- Dolby® Digital and DTS® surround sound output.

DUALSHOCK®2 Analog controller

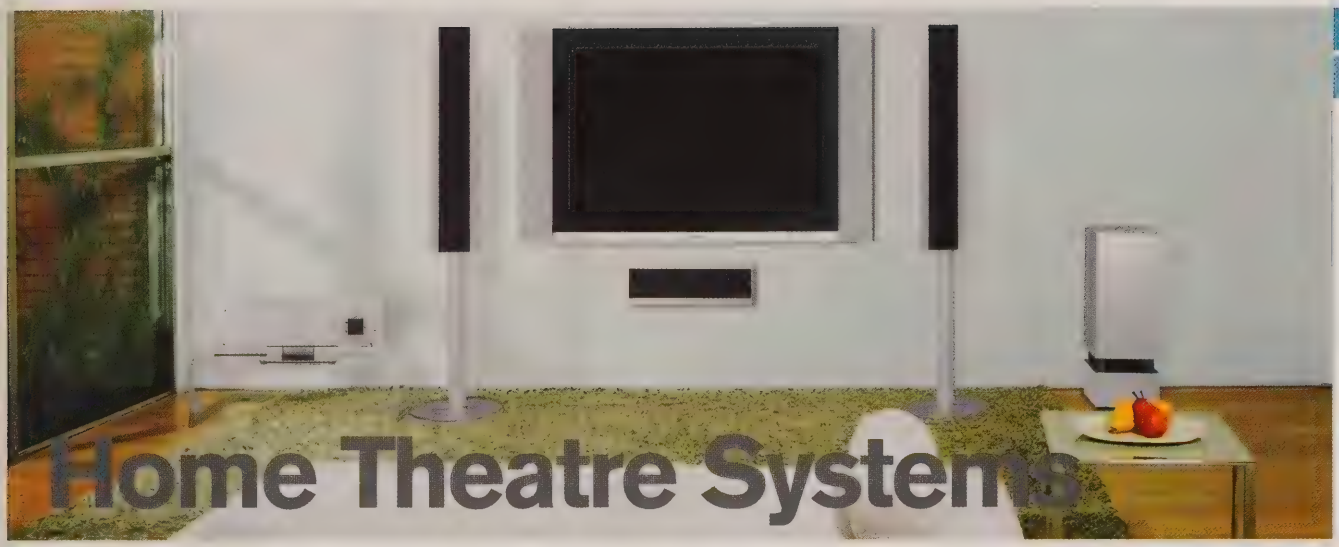
The DUALSHOCK®2 is the essential controller for PlayStation®2, boasting analog control (pressure sensitivity) on all action buttons as well as movement on the twin analog sticks. It also features the unique built-in DUALSHOCK® vibration technology creating a more compelling interactive experience.

Memory Card (8MB) for PlayStation®2

The official Memory Card (8mb) (for PlayStation®2) has a storage capacity of 8MB making it an essential peripheral for saving positions, hi-scores and replays. Manufactured from Sony, compatibility and reliability is guaranteed without invalidating the console warranty.

DVD Remote Control for PlayStation®2

The official DVD Remote Control for the PlayStation®2 is modelled to match the sleek design of the PlayStation®2, offering an impressive range of DVD viewing options, plus standard game control functionality.

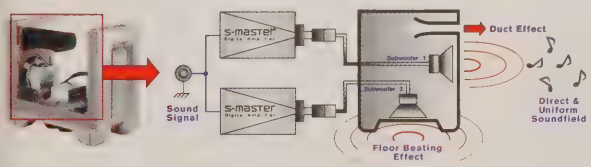


Home Theatre Systems

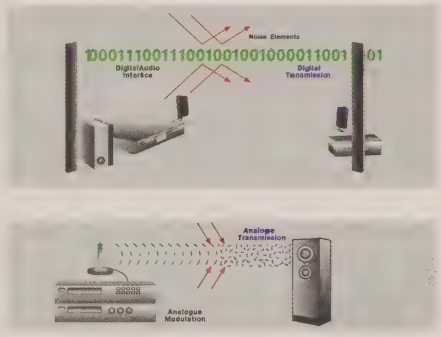
Digital Direct Twin Drive Subwoofer

Maximise home theatre performance with Sony's latest Digital Direct Twin Drive Subwoofer. Utilising Sony's proprietary S-Master technology, Digital Direct Twin Drive Subwoofer features two S-Master Digital Amplifiers that provide dedicated power to two strategically located subwoofer drivers for an astounding highly musical sound performance.

With one subwoofer directed outward and the other, downward, Digital Direct Twin Drive Subwoofer delivers a much more powerful and uniform bass sound that far exceeds most passive or active subwoofer systems. Easy to set up, Digital Direct Twin Drive Subwoofer provides a stable soundfield over a much larger listening area without having to adjust frequency levels. Available on the DAVSR4W.



Digital Infrared Audio Transmission



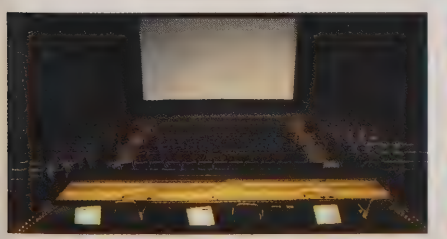
S-DIAT Technology

Conventional analogue wireless transmission

The S-DIAT system was developed and perfected by Sony to transmit the audio signals of the most advanced high-bandwidth media (such as DVD and HDTV) using infrared light. Unlike conventional wireless transmission systems based on analogue FM technologies, S-DIAT's signals are not pre-compressed, and the original signal integrity is maintained without distortion, even in the presence of noise interference. Freedom never sounded this good. S-DIAT is available on the DAVSR4W, DAVSB500W, and DAVLF1.

DCS Cinema Studio EX modes

All Sony AV receivers incorporate three cinema studio sound modes, each modelled on the qualities of actual full-sized dubbing theatres owned by Sony Pictures.



Cinema Studio A

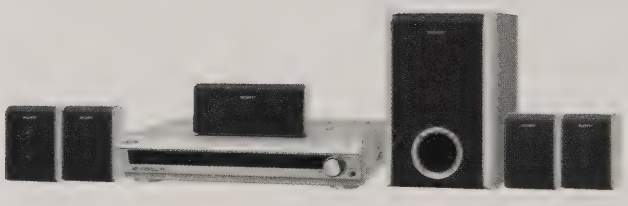
This sound mode is suitable for most movies and is based on the sound qualities of Sony's Cary Grant Theatre in Hollywood.

Cinema Studio B

This sound mode captures the vibrant acoustics of the advanced Kim Novak Theatre to accurately represent complicated, multi-channel sound effects. Cinema Studio B is ideal for action movies with lots of sound effects.

Cinema Studio C

Modelled on the Scoring Studio, this sound mode lavishly and dynamically captures music as it was meant to be heard. This mode is ideal for musicals or movies with orchestral soundtracks.



DAVDX150

Complete Home Theatre System

VEGA THEATRE S-MASTER MP3

Compact yet very powerful all-in-one 5 disc home theatre system. Includes S-Master digital amplifier with 120W per channel power output, and progressive scan (PAL & NTSC) processing.

DAVSB300

Complete Home Theatre System

S-MASTER VEGA THEATRE

Simplify your movie watching experience with this stylish all-in-one home theatre system with CD, DVD, and Super Audio CD playback. Features Sony's award-winning S-Master digital amplification technology.

DAVSB500W

Complete Home Theatre System

S-MASTER VEGA THEATRE

96W x 5 + 170W DVD home theatre system boasting S-DIAT wireless audio transmission technology, and S-Master digital amplification.

SIMPLE PLUG AND PLAY

The DAV Home Theatre Systems offer swift and easy set-up with its colour - coded terminals and cables.

Colour-coded cables for swift plug and play.

	DAVDX150
Power Output (RMS)	120W x 5 + 120W
DVD/SACD/CD/CD-R/CD-RW playback	✓/x/✓/✓/✓
DVD+RW/DVD-RW (VM)/DVD+R/DVD-R PB	✓/✓/✓/✓
VideoCD/MP3/ JPEG Playback	✓/✓/✓
Dolby Pro-Logic II (converts 2ch to 5.1 ch)	✓
Dolby Digital/DTS/Digital Cinema Sound (DCS)	✓/✓/x
AM/FM Tuner	✓
Digital Audio Input/Output	0/0
NTSC Progressive Scan Output	✓ (PAL & NTSC)
Special Features	S-Master Digital Amp

DAVSR4W

Complete Home Theatre System

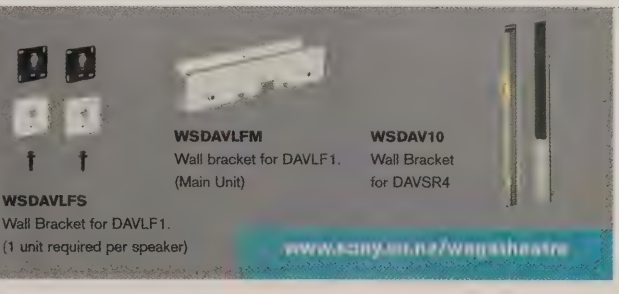
Eliminate the complications with this stylish 5.1 Channel DVD home theatre system, with 114 x 5 + 115 x 2W power output. Features slimline designed main unit and S-DIAT wireless audio transmission technology.

DAVLF1

Complete Home Theatre System

A perfect compliment to Sony's flat panel display range, the DAVLF1 exudes style and elegance, whilst still delivering advanced surround sound home entertainment. Features include S-DIAT, wireless audio technology and 86W x 5 + 170W RMS power output.

DAVSB300	DAVSB500W	DAVSR4W	DAVLF1
96W x 5 + 170W	96W x 5 + 170W	114Wx5 + 115Wx2	86W x 5 + 170W
✓/✓/✓/✓/✓	✓/✓/✓/✓/✓	✓/✓/✓/✓/✓	✓/✓/✓/✓/✓
✓/✓/✓/✓	✓/✓/✓/✓	✓/✓/✓/✓	✓/✓ (Video & VR)/✓/✓
✓/✓/✓	✓/✓/✓	✓/✓/✓	✓/✓/✓
✓	✓	✓	✓
✓/✓/x	✓/✓/x	✓/✓/✓	✓/✓/✓
✓	✓	✓	✓
x/x	x/x	✓/x	✓/x
✓	✓	✓	✓
S-Master Digital Amp	S-Diat WS	S-Diat WS	S-Diat WS



WSDAVLFS
Wall Bracket for DAVLF1.
(1 unit required per speaker)

WSDAVLFM
Wall bracket for DAVLF1.
(Main Unit)

WSDAV10
Wall Bracket
for DAVSR4

www.sony.co.nz/wegatheatre

HHTDDW670

Home Theatre in a Box

VEGA THEATRE · Digital Cinema Sound

A convenient and affordable Home Theatre solution, featuring a 5.1 Multi channel receiver, surround speaker set, and a 85W passive subwoofer. Simply combine with your existing DVD player and enjoy.

HTDDW760

Home Theatre in a Box

Digital Cinema Sound · VEGA THEATRE

Kick-start your surround sound set up with this home theatre in a box package. Comes equipped with 5 x 80W Receiver, active subwoofer, and 5 speaker surround set, to really transform your movie watching experience.

HTDDW1000

Home Theatre in a Box

Digital Cinema Sound · VEGA THEATRE

For serious sound reproduction, and home theatre enjoyment look no further than the HTDDW1000. With 130W x 6 power output and two 110W active subwoofers, this home theatre in a box system will not disappoint.

	HTDDW670	HTDDW760	HTDDW1000
Power Output (RMS - THD: 10%)	85W x 5	100W x 5	130W x 6
Dolby Pro-Logic II/Dolby Digital/DTS	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
Dolby Pro-Logic IIx/Dolby Digital EX	x/x	x/x	✓ / ✓
DCS Digital Cinema Sound Processing	✓	✓	✓
Multi-brand Remote Control	✓	✓	✓
AM/FM Tuner	✓	✓	✓
Active Subwoofer	x (85W passive)	✓ (100W)	✓ (110W x 2)
Analogue In/Out	0/0	3/1	4/1
Digital Inputs: Optical/Coaxial	1/1	1/1	2/1

SONY
HEY LOOK!
THERE'S KEVIN
Sony's new Grand Wega is a giant step forward in big screen viewing. Not all big screen technologies have the colour and detail you'd expect, but Sony's 3LCD technology and Wega Engine can deliver over 3 million pixels with vibrant clarity. With a range of screens up to 60 inch, you'll be sure to get the whole picture with a Grand Wega.
GRAND WEGA
like.no.other

SERIES366BX/SX
Home Theatre Package

STRDE598B/S
6.1 Multi Channel Receiver
- 110W x 6 Surround Power Output (RMS)

DVPNS50PB/PS
DVD Player
- High quality 12bit/108MHz Video DAC
- PAL/NTSC Precision Cinema Progressive

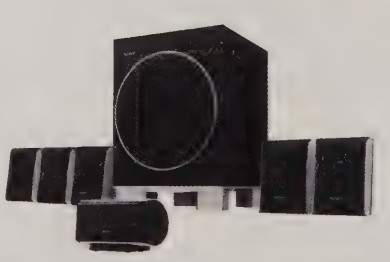
SAVE366
Speaker Package
- 6.1 Channel speaker system
- 120W Power Handling

SERIES598B/S
Home Theatre Package

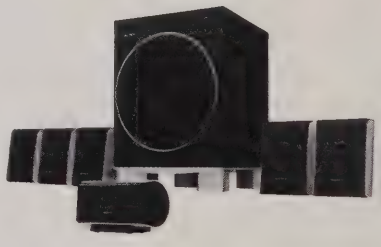
STRDE598B/S
6.1 Multi Channel Receiver
- 110W x 6 Surround Power Output (RMS)

DVPNS50PB/PS
DVD Player
- High quality 12bit/108MHz Video DAC
- PAL/NTSC Precision Cinema Progressive

SAVE566
Speaker Package
- 6.1 Channel speaker system
- 140W Power Handling



* Products may differ from above

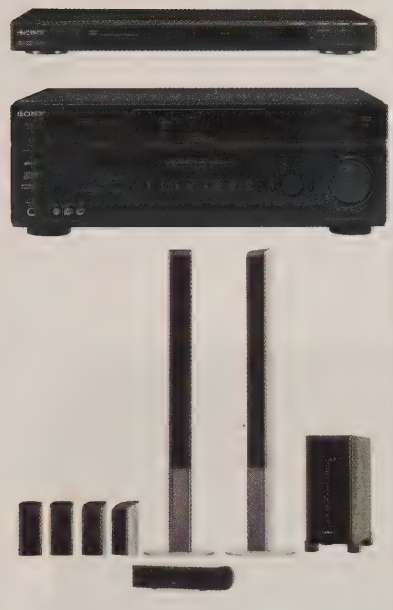


SERIES598MULTI
Home Theatre Package

STRDE598S
6.1 Multi Channel Receiver
- 110W x 6 Surround Power Output (RMS)

DVPNC62K
DVD Player
- 5 Disc changer
- High quality 12bit/108MHz Video DAC

SAVE566
Speaker Package
- 6.1 Channel speaker system
- 150W Active Subwoofer



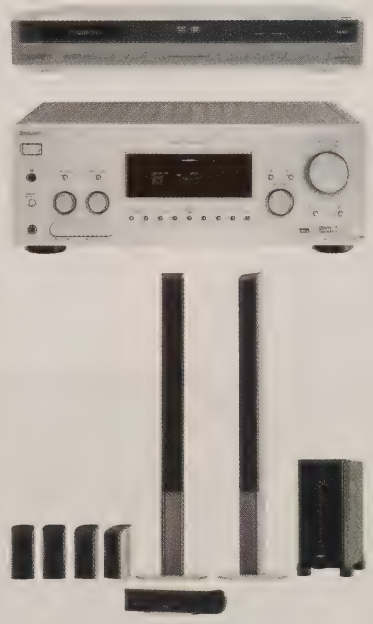
SERIES698B/S
Home Theatre Package

STRDE698B/S
Home Theatre Receiver
- 110W x 7 Surround Power Output (RMS)

DVPNS50PB/PS
DVD Player
- High quality 12bit/108MHz Video DAC
- PAL/NTSC Precision Cinema Progressive

SAVS300
7.1 Channel Speaker Package
- 7.1 Channel Speaker System
- Connectivity Option Back to 5.1 Channel

* Subsitute single disc for 5 Disc DVD Player:SERIES698MULTI



SERIES795
Home Theatre Package

STRDB795S
Home Theatre Receiver
- 7.1 Multi Channel Receiver
- QS standard, high quality design and construction

RDRGX210
DVD Recorder
- Multi DVD R/RW format recording
- PAL/NTSC Progressive Scan
- i.LINK DV interface

SAVS300
7.1 Channel Speaker Package
- 6.1 and 5.1 Channel Connectivity
- 140W Power Handling

DVDTHEATRE05
Home Theatre Package

STRDE497S
5.1 Channel Receiver. See page 111 for more details

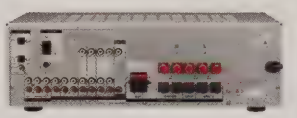
DVPNC62K
5 Disc DVD Player. See page 39 for more details

SAWM500
Active Subwoofer.

SSMF650
Floor Standing Speakers.

SSCR350
Centre and Rear Speakers.

See page 50-52 for all speaker specifications.



STRDE497/S
Home Theatre Receiver

VEGA THEATRE · Digital Cinema Sound

User-friendly 5.1 multi-channel receiver featuring 80W x 5 power output and speaker A & B switching. Available in black and silver.

STRDE598B/S
Home Theatre Receiver

Digital Cinema Sound · VEGA THEATRE

Add a centre rear speaker with this 6.1 Multi Channel Receiver, featuring 110W x 6 RMS power output. Decodes all major surround sound formats. Available in Black or Silver.

STRDE698B/S
Home Theatre Receiver

VEGA THEATRE · Digital Cinema Sound

Step up to 7.1 Multi Channel surround with this 110W x 7 home theatre receiver. Now supports video upconversion to S-Video and decodes all major surround sound formats. Available in black and silver.

	STRDE497/S	STRDE598B/S	STRDE698B/S	STRDB795/S
Multi-Channel	5.1	6.1	7.1	7.1
Surround Power Output	80W x 5	110W x 6	110W x 7	100W x 7
Dolby Prologic II/Dolby Digital/DTS/DCS	✓/✓/✓/✓	✓/✓/✓/✓	✓/✓/✓/✓	✓/✓/✓/✓
DTS:NEO6/DTS 96/24	x/x/x	✓/✓/✓	✓/✓/✓	✓/✓/✓
Dolby Digital EX/ Dolby Prologic IIx	x/x	✓/✓	✓/✓	✓/✓
Super Audio CD Tuned/5.1ch Input	✓/1	✓/1	✓/1	✓/1
Video Upconversion; S-Video/Component	x/x	x/x	✓/x	✓/x
AM/FM Tuner/RDS/Pre-sets	✓/-/30	✓/-/30	✓/-/30	✓/-/30
Component Video In/Out (pass through)	-	-	2/1 (HD)	2/1 (HD)
Digital Input: Coax/Optical/i.Link	1/2/0	1/2/0	2/3/0	2/4/0

STRDB795/S

QS Standard Receiver

QS · VEGA THEATRE · Digital Cinema Sound

Impressive QS range home theatre receiver featuring high quality construction. Supports video up conversion and 100Wx7 power output. Comes in black and silver.

STRDA5000ES/G

ES Standard Receiver

S-master PRO · Digital Cinema Sound · VEGA THEATRE · ES

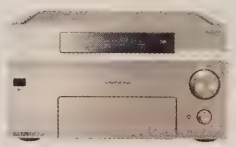
Powerful ES quality receiver featuring high quality components, 170W x 7 (RMS) power output and S-Master Pro amplification technology for incredibly precise audio reproduction. Available in black and gold.

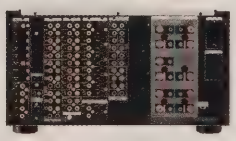
TADA9000ES/G

ES Standard AV Amplifier

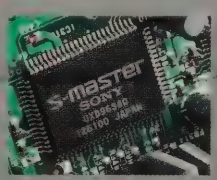
ES · VEGA THEATRE · Digital Cinema Sound · S-master PRO

Sony's flagship model, featuring 200W x 7 (RMS) and award-winning S-Master Pro amplification technology. Incorporates high quality components such as MOS FET transistors for all channels and is also 9.1 channel surround capable. Available in black and gold.





STRDA5000ES/G	TADA9000ES/G
7.1	7.1 (9.1ch capable)
170W x 7	200W x 7
✓/✓/✓/✓	✓/✓/✓/✓
✓/✓/✓	✓/✓/✓
✓/x	✓/x
✓/2	✓/2
✓/✓	✓/✓
✓/✓/30	✓/✓/✓
2/1 (HD)	3/1 (HD)
2/4/0	5/6/1

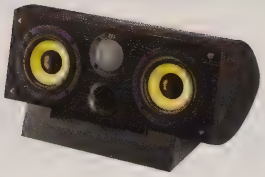


S-master
Digital Amplifier

Sublime audio power

Sony's exclusive S-Master full digital amplification technology offers you ample power and true quality sound. Winner of the prestigous EISA Award. Best Technology 2003/2004.

www.sony.co.nz/www.theatre



SSCNK10ED

ED Centre Speakers

VEGA THEATRE

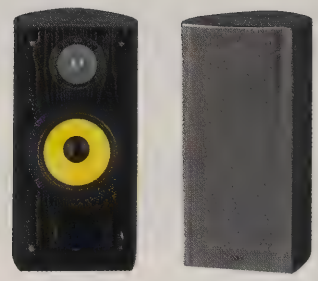
120W Extended definition centre speaker with a high performance carbon composite dome tweeter.

SSK10EDP

Extended Definition Speakers

VEGA THEATRE

Quality construction, extended definition bookshelf speaker set. Features 120W power handling and frequency response up to 70kHz



SSK30EDP

Extended Definition Speakers

VEGA THEATRE

Realise the brilliance of Super Audio CD with these extended definition book shelf speakers, equipped with a hybrid enclosure design, and capable of 130W power handling.

SSK70EDP

Extended Definition Speakers

VEGA THEATRE

Extended definition floor-standing speakers with 150W power handling and a 3-way, 3 speaker system. Features bi-wiring connection capability.

SSK90EDP

Extended Definition Speakers

VEGA THEATRE

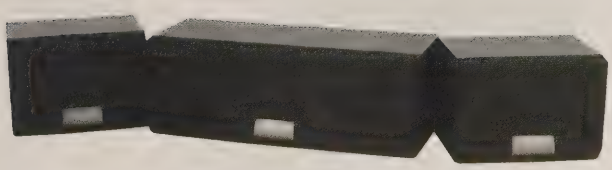
Experience quality sound with this high performance speaker pair, boasting 200W power handling. Features a 160mm Aramid fibre driver.

Extended Definition Overview

- Unique Cabinet Designs
- Aramid Fiber Driver
- Large Midrange Driver
- ED Tweeter Response for SA-CD
- Hybrid Enclosure Design

	SSCNK10ED	SSK10EDP	SSK30EDP	SSK70EDP	SSK90EDP
Speaker Type	CS	Book Shelf	Book Shelf	FS	FS
BDD	2 x 165mm	165mm	165mm	165mm	2 x 165mm
MPH	120W	120W	130W	150W	200W
FR	50Hz-70kHz	50Hz-70kHz	45Hz-70kHz	42Hz-70kHz	39Hz-70kHz
EF for SACD PB	✔	✔	✔	✔	✔
Speaker/LI	✔/x	✔/x	✔/x	✔/x	✔/x
Low Boost Mode	-	-	-	-	-
MS	✔	✔	✔	✔	✔
Phase switch	-	-	-	-	-
D (WxHxD)mm	430x190x275	190x330x275	235x430x375	240x900x400	240x990x400

EF = Extended Frequency, FS = Floor Standing, PB = Playback, BDD = Bass Driver Diameter, D = Dimensions, FR = Frequency Response, LI = Line Input, MS = Magnetically Sheilded



SSCR350
Centre and surround speaker package

VEGA THEATRE

Centre and surround speaker package designed to complement any home theatre system.

SSMF550
3-way speakers

VEGA THEATRE

3-way floor standing speakers featuring a large 20cm Kevlar HOP bass driver and nano-fine tweeter for extended frequency reproduction.

SSMF750
3-way speakers

VEGA THEATRE

Powerful 3-way floor standing speakers featuring two 20cm Kevlar HOP bass drivers for a deeper bass reproduction.

SSMF650
3-way speakers

VEGA THEATRE

3-way floor standing speakers with two 16cm Kevlar HOP bass drivers for accurate and dynamic bass reproduction.

	SSCR350	SSMF550	SSMF650	SSMF750
Speaker Type	CRSP	3-way FS	3-way FS	3-way FS
BDD	-	20cm	2 x 16cm	2 x 20cm
MPH	120W/100W	150W	180W	200W
Frequency Response	85Hz-50kHz / 85Hz-20kHz	45Hz-50kHz	40Hz-50kHz	35Hz-50kHz
EF for SACD P	✓	✓	✓	✓
Speaker/Line Input	✓ /x	✓ /x	✓ /x	✓ /x
MS	✓	✓	✓	✓
Phase switch	-	-	-	-
D (WxHxD)mm	380x150x194(c) /190x150/196(r)	240x850x255 (per speaker)	220x950x255	240x1050x295

STRDA5000ES/G
ES Standard Receiver
Home Theatre Receivers.
(See pages 56 & 57 for more details)

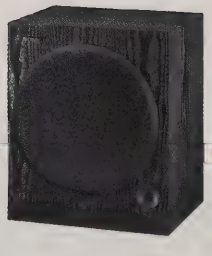
www.sony.co.nz/wegatheatre

EF = Extended Frequency, FS = Floor Standing, BDD = Bass Driver Diameter, P = Playback, D = Dimensions, MS = Magnetically Shielded, CRSP = Centre-rear speaker package, MPH = Maximum Power Handling

SAWM250
Compact Subwoofer

V EGA THEATRE

Add some depth to your sound system with this 100W active subwoofer.



SAWM500
Subwoofer

V EGA THEATRE

Enhance your sound system with this solid active subwoofer with 150W amplifier.

SAWX900M/B
Subwoofer

V EGA THEATRE

Top of the line subwoofer with 1000W RMS power output, and twin 30cm push-pull configuration drivers.

RMAV3000

Allows centralised control of up to 18 components from a single remote commander.
- Compatible with most major brands and teletext
- Learning function for programming of other remote control signals
- System control function allows one-touch operation to execute a series of commands
- Easy-to-operate touch key LCD with blue back light

RMVZ950T

Allows centralised control of up to 8 AV components from a single device.
- Compatible with most major brands and teletext
- LCD screen
- Jog Dial for ease of use
- Learning function for recognition of remote control signals of non-preset components or functions
- Memory back-up (20 minutes) – no need to reset code numbers after changing the battery

RMVL1000

Allows centralised control of up to 12 components from a single remote commander.
- Compatible with most major brands and teletext
- Learning function
- Programmable 5-way joystick controller for easy operation
- Ergonomic design fits in the hand
- Non-volatile memory backup function to keep your memorised setting

FEATURE PRODUCT

1000W OF DEEP BASS

Sony's amazing SAWX900 active subwoofer is incredibly fast and powerful, featuring an amazing 1000W S-Master amplifier. To eliminate vibration, the SAWX900 features a substantially braced cabinet with twin 30cm long-stroke drivers driven in unison.

	SAWM250	SAWM500	SAWX700B	SAWX900M/B
Speaker Type	active subwoofer	active subwoofer	active subwoofer	active subwoofer
BDD	20cm	30cm	25cm x 2	30cm x 2
MPH	100W RMS	150W RMS	250W RMS	1000W RMS
FR	28Hz-200Hz	20Hz-200Hz	20Hz-200Hz	18Hz-200-Hz
EF for SACD PB	x	x	x	x
S/LI	✓/✓	✓/✓	✓/✓	✓/✓
Low Boost Mode	x	x	✓	✓
MS	✓	✓	✓	✓
Phase switch	✓	✓	✓	✓
D (WxHxD)mm	290x355x385	360x425x415	390x490x480	440x550x620

EF = Extended Frequency, S = Speaker, sp = speaker package, c = centre, r = rear, D = Dimensions, BDD = Bass Driver Diameter, FR = Frequency Response, MS = Magnetically Sheilded, LI = Line Inp

SAVE366
6.1 Channel Speaker Package

VEGA THEATRE

Compact 6.1 Channel micro satellite speaker system complete with 6 speakers and a 120W active subwoofer.

SAVE566
6.1 Channel Speaker Package

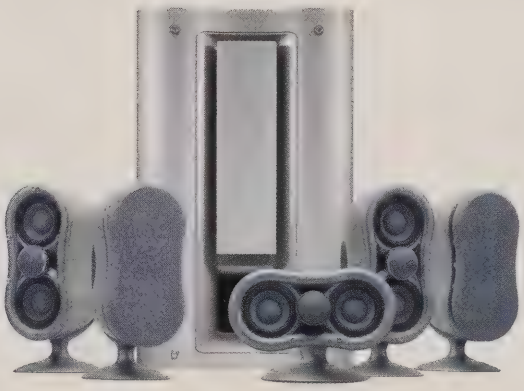
VEGA THEATRE

Stylish 6.1 Channel micro satellite speaker system featuring extended frequency tweeters and a 150W active subwoofer.

SAVS300
7.1 Channel Speaker Package

VEGA THEATRE

Increase your options and your performance at the same time with this excellent 7.1 channel speaker set, featuring connection capability back to a 5.1 or 6.1 channel set up.



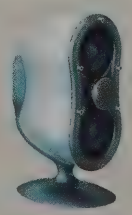
SAVE835ED
5.1 speaker package

VEGA THEATRE

EDITOR'S CHOICE

Award-winning 5.1 channel micro satellite speaker system featuring magnesium alloy construction and extended definition tweeters for SACD playback. Includes a 200W active subwoofer.

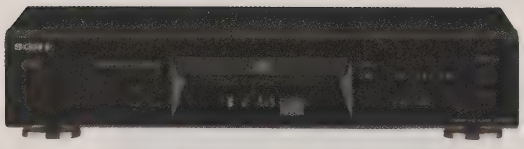
	SAVE366	SAVE566	SAVS300	SAVE835ED
Front + Centre Speakers	3 x Satellite	3 x Satellite	2 x FS+centre	3 x Satellite
Surround Speakers	3 x Satellite	3 x Satellite	4 x Satellite	2 x Satellite
Maximum Power Handling	120W	140W	150W	140W
Sensitivity/Impedance	85db/8Ω	84db/8Ω	81dB/8Ω	87db/8Ω
Active Subwoofer	120W	150W	150W	200W
Subwoofer Diameter	20cm	20cm	15cm x 2	15cm x 2
EF for SACD	x	✓	✓	✓
Magnetically Shielded	✓	✓	✓	✓
Speaker Cable Supplied	✓	✓	✓	✓



SSVS831ED
Optional extra speaker for SAVE835ED

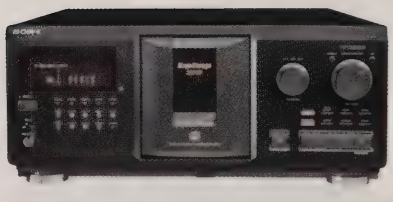
www.sony.co.nz/vegatheatre

MPH = Maximum Power Handling, EF = Extended Frequency, FS = Floor Standing



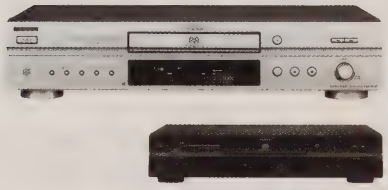
CDPXE270
Single CD Player

Compact Disc player also capable of CD-R/CD-RW playback.



CDPCX355
Advanced MegaStorage™ 300 CD Changer

Advanced MegaStorage™ 300 CD Changer perfect for long-lasting music enjoyment.



SCDXE597/S
Super Audio CD Player

Multi-ch

Single disc Super Audio CD player with multi-channel playback capability. Also features excellent compact disc playback and is available in black or silver.

SCDCE595
5 Disc Super Audio CD Player

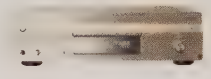
Multi-ch

5 disc Super Audio CD player featuring a single-chip multi-channel DSD (Direct Stream Digital) decoder.

SCDXB790/S
Super Audio CD Player

QS Multi-ch

QS Standard multi-channel Super Audio CD player featuring twin independent power supplies and high quality DA converters. Available in black or silver.

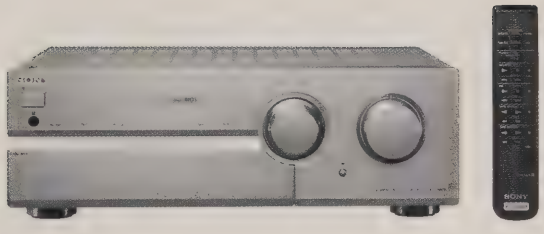


SCDXA9000ES/G
ES Multi-Channel Super Audio CD Player

Multi-ch ES

Replacing the internationally acclaimed SCDXZ777ES, the SCDXA9000ES incorporates a i-Link interface as well as a Tri Power Digital-to-Analogue Converter and separate power supplies for stunning multi-channel audio quality.

	CDPXE270	CDPCX355	SCDXE597/S	SCDCE595	SCDXB790/S	SCDXA9000ES/G
Super Audio CD Player/Disc Changer	x/x	x/300x	✔/x	✔/5x	✔/x	✔/x
Multi-Channel Playback/5.1 Channel Output	x/x	x/x	✔/✔	✔/✔	✔/✔	✔/✔
CD-R/RW Playback Capability	✔/✔	✔/✔	✔/✔	✔/✔	✔/✔	✔/✔
Super Audio CD Text/CD Text	x/x	x/✔	✔/✔	✔/✔	✔/✔	✔/✔
Chassis Design	Home Audio Video	Home Audio Video	HAV	HAV	QS Design	Frame & Beam (ES)
D/A Converter	Hybrid Pulse	Hybrid Pulse	DSD Decoder	DSD Decoder	4x SADAC	12x SADAC
Transformer/Remote Commander	✔/x	✔/✔	EI-Core/✔	EI-Core/✔	Twin EI-Core/✔	Twin R-Core/✔
Continuous/Shuffle/Programme	✔/✔/24 steps	✔/✔/3x32 steps	✔/✔/32 steps	✔/✔/32 steps	✔/✔/32 steps	✔/✔/32 steps
Headphone Jack	x	x	x	x	✔	✔
Optical/Coaxial/i.Link Digital Output	✔/x/x	✔/x/x	✔/x/x	✔/x/x	✔/✔/x	✔/✔/✔



TAFB940R
QS Series Amplifier

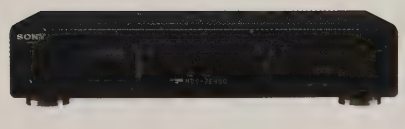
SACD Ready Amplifier with 60w x 2 RMS Power output and available in silver only. See page 163 for specifications.

STSE370
Digital Tuner

Digital AM/FM tuner with remote sensor. See page 162 for specifications.

TCWE475
Dual Auto-Reverse Cassette Deck

Elegantly designed Double Auto-reverse cassette deck with Dolby B & C Noise Reduction.



MDSJE480
MDLP MiniDisc Deck

User-friendly Minidisc deck with basic music editing and recording features.

MDSJE780/S
Net MD Component

MiniDisc recorder with USB connection for Net MD giving you maximum freedom when downloading music. Available in black or silver.

MDSJB980/S
QS Series Net MD Component

Quality Standard (QS) MiniDisc recorder equipped with USB connection for Net MD allowing for easy music downloads from your PC. Available in black or silver.

	MDSJE480	MDSJE780/S	MSSJE980/S
D/A Converter	24-Bit Hybrid Pulse	24-Bit Current Pulse	24-Bit Current Pulse
Digital Filter	x	x	✓
R-Core Transformer	x	x	✓
ATRAC Generation (Normal Time)	✓	✓	✓
Long Time Recording & Playback	✓	✓	✓
Pitch Control/Analogue/Digital Level Control	x/✓	✓/✓	✓/✓
NetMD Capable	x	✓	✓
Open MG Software/USB Cable	x	✓	✓
Time Machine Recording	✓ (6 sec.)	✓ (6 sec.)	✓ (6 sec.)
Digital Opt. Input/-Output/ Coax. Input/-Output	1/0/0/0	1/1/1/0	1/1/1/0

	TCWE475
Double Cassette Deck	✓
Motors/Heads	2/2
Auto Reverse	✓
Automatic Music Search (AMS)	✓ (Multi)
Dolby® B/C/HX Pro	✓/✓/✓
Wide Range Pitch Control	✓

Hi Fi Systems

The latest Hi Fi Micro Systems

CMTGPZ6
Micro System

CMTHPZ9
Micro System

Atrac3plus

Sonic Stage & ATRAC3plus

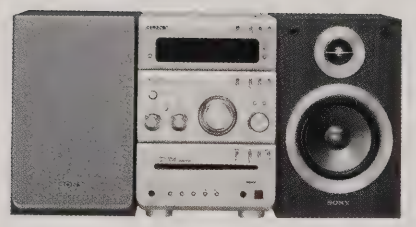
Sony's own SonicStage music management software is now jammed with the CMTCPZ1, CMTHPZ9, and CMTGPZ6 making it easy to manage and organise your own music collection from your PC or laptop. SonicStage allows you to record in ATRAC3plus recording mode, which compresses your music to create smaller files, while still maintaining excellent sound quality.

Portable Audio Link Function (MD Link)

Sony's 2005 range of CD Mimi systems feature an all new Portable Audio Link Function. Consisting of an analog input, and a digital output the 'MD link' allows flexible connectivity options for use with all types of portable audio player. Whether it be hard drive, solid state, minidisc or another portable device, just plug in your portable audio player directly into the analog input for simple playback of your own play list. Or, connect your minidisc player through the digital output and record your favourite CD directly onto minidisc. It is that easy.

CMTCPZ1
Micro System

NWHD5
Connect your NWHD5 to the portable audio input of a new Sony Micro system for quick and easy playback straight from it's 20GB hard drive.



CMTGPZ6
Mezzo Micro System

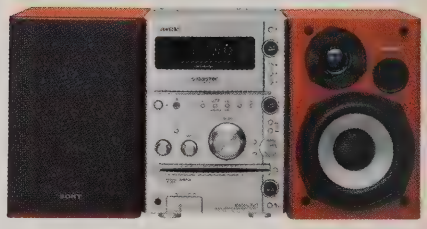
SonicStage Atrac3plus MP3

Attractive 40W x2 RMS Micro system, with CD, cassette deck and tuner.

CMTHPZ9
5 Disc Mezzo Micro System

SonicStage Atrac3plus MP3

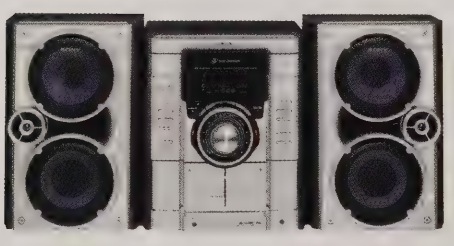
High-powered 70W x2 RMS micro system with 5 CD 'pop-up' changer. MP3 and Atrac3plus playback capable.



CMTCPZ1
Mezzo Micro System

SonicStage Atrac3plus MP3 S-master

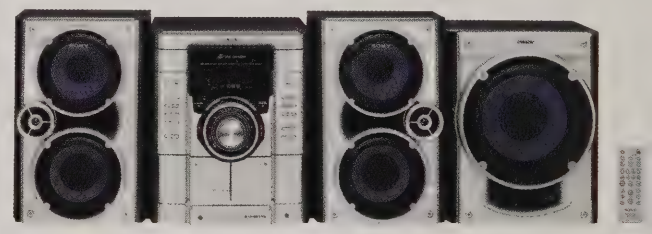
Compact yet powerful 75W x2 RMS Micro System, featuring an S-Master digital amplifier and new portable audio input for simple playback from your portable audio device.



MHCRG270
3CD Mini System

MP3 POWERED FOR CLARITY

High performance 125W x 2 RMS Mini System featuring MP3 playback and a new portable audio input.



MHCRG475S
3 CD Mini System with Subwoofer

POWERED FOR CLARITY MP3

Add some real depth to your music with this powerful 3CD Mini System with a 150W separate subwoofer. Features Hybrid dual woofer technology for more intense bass reproduction, and MP3 playback

	CMTGPZ6	CMTHPZ9	CMTCPZ1	MHCRG270	MHCRG475S
Power Output (RMS)	40W x 2	70W x 2	75W x 2	125W x 2	120W x 2 + 150W
CD CF	1CD (slot in)	5CD (pop up)	1CD (slot in)	3 CD	3 CD
Cassette Deck/Tuner	✓/✓	✓/✓	✓/✓	✓/✓	✓/✓
Playmode - S/P/R	✓	✓	✓	✓	✓
Bass Boost Function	DSGX	DSGX	DSGX	Groove	Groove
CD-R/RW/MP3/ ATRAC3plus Playback	✓/✓/✓/✓	✓/✓/✓/✓	✓/✓/✓/✓	✓/✓/✓/x	✓/✓/✓/x
VACS ADS	x	x	x	✓	✓
Portable Audio Link	✓	✓	✓	✓	✓
DIn/-Out/AI/-Out	0/1/1/0	0/1/1/0	0/1/1/0	0/0/1/0	0/0/1/0

S/P/R = Shuffle/Programme/Repeat, DIn= Digital In, AIn = Analogue In, ADS = Anti Distortion System, CF = Changer Function

MHCGNX60
3CD Mini System

MP3 POWERED for CLARITY

Get some extra grunt from this 200W x 2, 3 CD Mini System, with advanced horn tweeters. Also features MP3 playback and Sony's own VACS anti-distortion system.

MHCGNX70
3 CD Mini System

POWERED for CLARITY MP3

For seriously loud and dynamic music reproduction look no further. With 240W x 2 (linked) RMS power output and MP3 playback the MHCGNX70 is bound to impress.

MHCGNX80
3 CD Mini System with Subwoofer

POWERED for CLARITY MP3

With 255W x 2 of RMS power output plus a 200W separate subwoofer, the MHCGNX80 is not for the faint hearted. Add MP3 playback, Groove-Bass Boost function, and other great Sony features and you have one serious mini system.

GNX60	MHCGNX70	MHCGNX80
W x 2	240W x 2	255W x 2
	3 CD	3 CD
	✔/✔	✔/✔
	✔	✔
ve	Groove	Groove
/✔/x	✔/✔/✔/x	✔/✔/✔/x
	✔	✔
	x	x
/0	0/1/2/0	0/1/2/0

POWERED for CLARITY

POWERFUL CLARITY

For the ultimate in clarity and sharpness in your music playback, you can not go past the superb design and quality of Sony CD mini systems.

www.sony.co.nz/wegatheatre

CMTDV2D

DVD Micro System

VEGA THEATRE MP3

Funky new single disc DVD micro system with 50W x 2 RMS power output and mic input with volume and echo.

CMTWS2D

DVD Mini System

SUPER AUDIO CD S-master MP3 VEGA THEATRE

Sleek and sophisticated, the CMTWS2D makes for an excellent compact home entertainment solution. Features include a single disc dvd/cd player, 75W x 2 RMS power output and high quality speaker design.

MHCGNZ9D

DVD Mini System

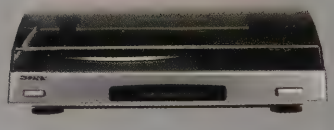
VEGA THEATRE MP3

Experience outstanding DVD home entertainment as well as compelling sound reproduction. Features include a 170W subwoofer, 3 DVD/CD changer and progressive scan. (PAL and NTSC)

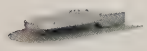
MATCHING ACCESSORIES

PSJ20S

Mini size Turntable. Mini System Width. Semi-Automatic Operation. Belt Drive. 331/3 and 45rpm. Pre-Amplified to enable connection via AUX Input on Mini HiFi Systems. Dimensions (WxHxD)mm 280x87x314.



	CMTDV2D	CMTWS2D
Power Output (RMS)	50W x 2	75W x 2
CD Changer Function	1 DVD/CD	1 DVD/CD
CD/Cassette Deck/Tuner	✓ / ✓ / ✓	✓ /x/ ✓
Progressive Scan (PAL/NTSC)	✓	✓
Bass Boost Function	✓	✓
DVD/CD-R/-RW/MP3/ATRAC3plus Playback	✓ / ✓ / ✓ / ✓ /x	✓ / ✓ / ✓ / ✓ /x
Dolby Prologic II/DCS/Dolby Digital	x/x/ ✓	✓ / ✓ / ✓
MD Link Function	✓ (optical out only)	✓ (optical out on
Bass/Treble Control	EQ	✓
Digital In/-Out/Analogue In/-Out	0/1/1/0	0/1/1/1



WSFLX9L
Optional low profile Speaker Stand

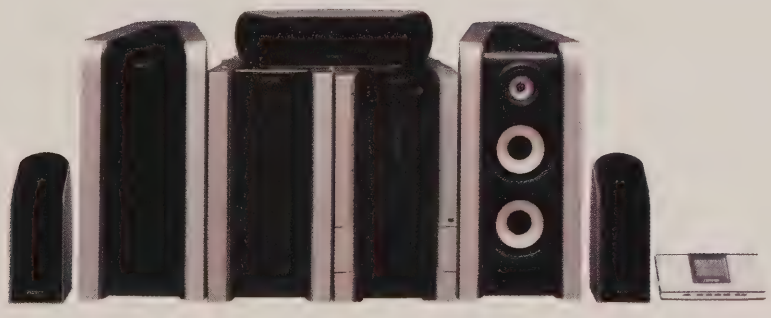
WSFLX9
Optional Speaker Stand

Alternative Setup options

DHCFLX5D
DVD Mini System

MP3 VEGA THEATRE

Uniquely designed 5 DVD Mini System with Dolby Prologic II, Dolby Digital and Sony's exclusive Digital Cinema Sound (DCS).



LBTZX10D
DVD Midi system

VEGA THEATRE MP3 X-ROUND SYSTEM

Reach new levels of music enjoyment and enhance your home movie experience with this truly impressive 5 DVD/CD Midi system. Equipped with X-round sound function for amazing sound effects and 180W x 4 + 70W RMS power output.

CGNZ9D	DHCFLX5D	LBTZX10
Wx2 + 50Wx3 + 170W sub	60W x 5 + 100W sub	180W x 4 + 70W (centre)
VD/CD	5 DVD/CD	5 DVD/CD
✓/✓	✓/✓/✓	✓/✓/✓
	✓ (NTSC only)	x
ove/V-Groove	Groove/V-Groove	X-Groove
✓/✓/✓/x	✓/✓/✓/✓/x	✓/✓/✓/✓/x
✓/✓	✓/✓/✓	✓/x/✓
	✓ (optical out only)	x
	EQ	EQ
2/1	1/1/1/1	0/0/3/1

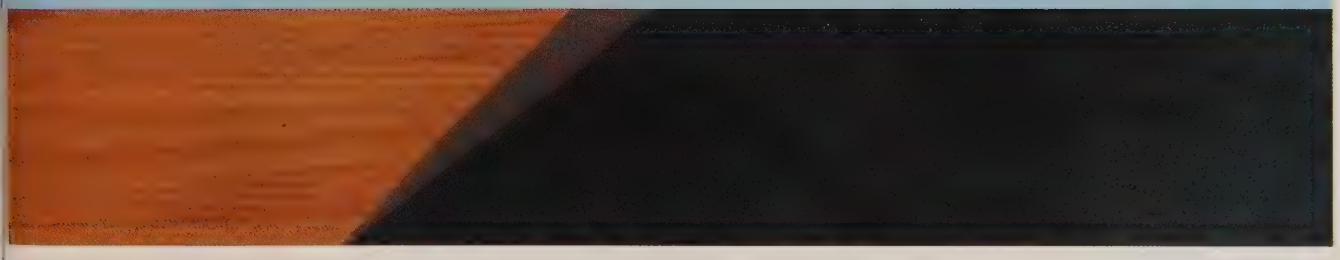
PSLX76
Midi Size Turntable. Midi System Width. Semi-Automatic Operation. Belt Drive. 331/3 and 45rpm. PSJ20/S Mini. Dimensions (WxHxD)mm 355x94x345.

Product may differ from the one shown. EQ2 is required to use with Mini Systems.

www.sony.co.nz/wegatheatre

Digital Imaging

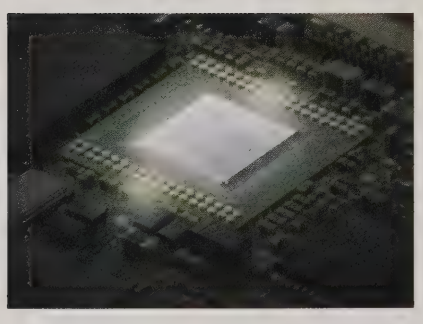
64 Cyber-shot Digital Still Cameras
72 Handycam
81 Memory Stick and Peripherals
83 Accessories
88 Marine Housing



Power, portability and performance are key features of a digital camera. Cyber-shot digital cameras have these features and more, stylishly presented in our latest range. With helpful automatic features and easy to use designs, Cyber-shot digital cameras redefine the meaning of point and shoot.

Quality images to print, frame and share

The higher the Mega Pixel resolution of your digital camera, the better the detail and sharpness of your images. The new Cyber-shot range offers models with up to 8 Mega Pixels resolution; resulting in images you can enlarge up to A3 size. Combine this with the Super HAD CCD, you get nothing but crisp, sharp and vividly beautiful images you'll love to print, frame and share.



Lightning-fast processing

Real Imaging Processor

Sony's exclusive Real Imaging Processor intelligently enhances your shooting experience in three important ways:

- **Great Picture Quality** – By digitally processing images it cuts down on image noise, resulting in sharper smoother and more detailed pictures.
- **High Speed Performance** – High efficiency enhances shooting times, burst-shooting and image playback.
- **Power Efficiency** – Intelligent power management gives you lower power consumption.

Large LCD Displays

View your images in superb, big-screen clarity, better resolution and fuller detail. Cyber-shot LCD Display's are engineered to showcase your images even under extreme lighting conditions. Available in sizes up to 2.5 inches. The new icon enlarge feature highlights any change in camera settings.

Your direct print connection

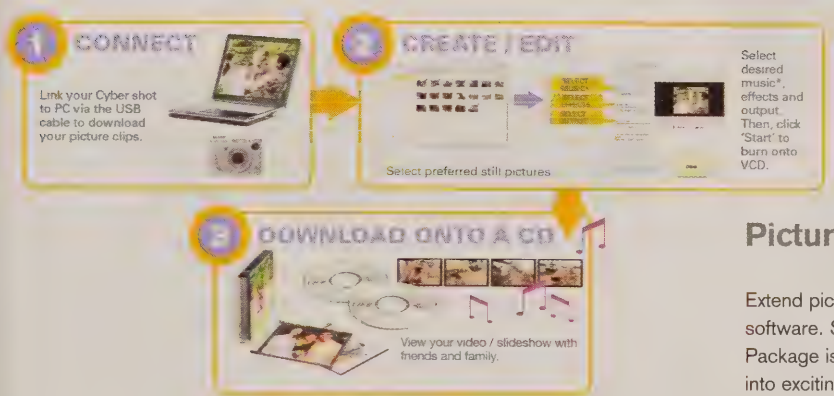
PictBridge is an industry-standard technology that lets you transfer images from your Cyber-shot camera to your printer, without the need for a computer. All you need to do is connect your compliant Cyber-shot camera to a PictBridge compatible printer via a USB cable. Simply select your favourite photos on the camera's LCD screen and let the camera take care of the rest. It's that simple.

Carl Zeiss Vario-Tessar Lens

The Carl Zeiss Vario Tessar Lens, designed specially for compact cameras, produces top quality images that are brilliant and sharp, and have excellent contrast with almost no distortion. Cyber-shot lenses are manufactured according to a quality guarantee system based on the Carl Zeiss standard of excellence.

Connection convenience

Cyber-shot stations enable battery recharging and maximum connectivity with the greatest ease. Hook it up to your TV to view your images, or connect to your PC and printer for convenient viewing, sharing or printing. Optional accessory for selected Cyber-shots.


1 CONNECT
Link your Cyber-shot to PC via the USB cable to download your picture clips.
2 CREATE / EDIT
Select desired music*, effects and output. Then, click 'Start' to burn onto VCD.
Select preferred still pictures
3 DOWNLOAD ONTO A CD
View your video / slideshow with friends and family.

Picture Package Software

Extend picture-taking enjoyment with the Picture Package™ editing software. Supplied with all new Cyber-shot cameras, Picture Package is easy to use and delivers all the flexibility to turn photos into exciting, moving presentations.

The latest Digital Still Cameras

DSCW5

Cyber-shot

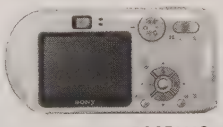
Real Imaging Processor · ZEISS · PictBridge · MEMORY STICK

Flexibility is what sets the DSCW5 apart. Whether it's the 32MB of internal memory, the ability to connect additional lenses and filters, or using it in unique situations with its optional marine housing, the W5 has all the bases covered. Image quality is excellent with the use of precision Carl Zeiss optics and Sony's own Real Imaging Processor. The W5 is beautifully finished in silver or black aluminium for strength and durability.

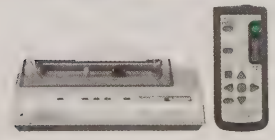
DSCW5B

DSCW5S

DSCP200B



DSCP200S



CSSHB Optional Accessory

DSCP200

Cyber-shot

MEMORY STICK · PictBridge · ZEISS · Real Imaging Processor

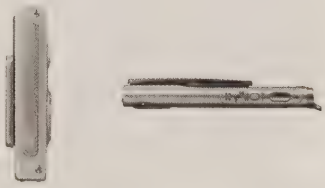
Compact and functional the DSCP200 has a powerful 7.2 Mega Pixel Super HAD CCD sensor to capture outstanding images. With 9 easy to choose scene selection modes, you can automatically adjust the cameras settings to match your shooting situations. Connectivity is a breeze with an optional Cyber-shot station (CSSPHB), a convenient way to charge the battery, view images on your TV or PC, and print photos to your PictBridge printer, it also includes a remote for ease of use.

DSCT7

Cyber-shot

MEMORY STICK PictBridge ZEISS Real Imaging Processor

DSCT7S



DSCT7B

Currently the world's thinnest 5 Mega Pixel Digital Camera (minimum thinness 9.8mm) the DSCT7 takes the popular T series Cyber-shot range to a new level. With no wait at almost no weight, the Real Imaging Processor in the T7 delivers nearly instant start up and shutter release and weighs in at only 136g. One look at the 2.5 inch Clear Photo LCD display and you'll know this camera is serious about quality pictures.

DSCS40

Cyber-shot

Real Imaging Processor · ZEISS · PictBridge · MEMORY STICK

Compact 4 Mega Pixel Cyber-shot with 3x optical zoom, Carl Zeiss lens and 32MB internal memory.

DSCS60

Cyber-shot

MEMORY STICK · PictBridge · ZEISS · Real Imaging Processor

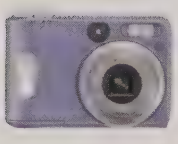
4 Mega Pixel Cyber-shot with 2 inch LCD display, manual mode and 32MB internal memory.

DSCS90

Cyber-shot

Real Imaging Processor · ZEISS · PictBridge · MEMORY STICK

DSCS90S



DSCS90L

4 Mega Pixel Cyber-shot with large 2.5 inch LCD display, including NiMH rechargeable batteries and charger. Available in silver and blue.

MATCHING ACCESSORIES

CSSSA
Cyber-shot Station for DSCS60/90

VCTMTK
Compact Travel Tripod with pouch and cleaning cloth

SPKSA
Splash Proof Housing for DSCS60/90

	DSCS40	DSCS60	DSCS90
Mega Pixel Super HAD CCD	4.0 Megapixels	4.1 Megapixels	4.1 Megapix
Real Imaging Processor	✔	✔	✔
Carl Zeiss Lens	Vario Tessar	Vario Tessar	Vario Tessar
Zoom (Optical/Digital/Smart)	3x/6x/Up to 10x	3x/6x/Up to 10x	3x/6x/Up to
LCD Screen/Viewfinder	1.5"/✔	2.0"/✔	2.5"/✔
Recording Media	MS/MS PRO	MS/MS PRO	MS/MS PR
MPEG Movie	640x480, 30fps	640x480, 30fps	640x480, 3
PictBridge	✔	✔	✔
Picture Package	✔	✔	✔
Stamina mins/shots (BT)	275/550 (NH-AA-2DB)*	255/510 (NH-AA-2DB)*	210/420 (NH-A

* Optional Accessory

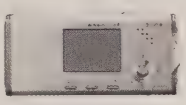
DSCW5S

DSCL1

Cyber-shot

Real Imaging Processor · ZEISS · PictBridge · MEMORY STICK

Ultra Compact and stylish 4 Mega Pixel Cyber-shot with 3x optical zoom. This pocketable model has high end features such as an InfoLITHIUM battery and Carl Zeiss Lens.



DSCL1S

DSCL1LJ

DSCL1R

DSCW5B

DSCW5

Cyber-shot

MEMORY STICK · PictBridge · ZEISS · Real Imaging Processor

Robust metal body 5 Mega Pixel Cyber-shot with large 2.5 inch LCD Display, conversion lens and marine pack compatible. Available in silver and black.

DSCP200S

DSCW7

Cyber-shot

Real Imaging Processor · ZEISS · PictBridge · MEMORY STICK

High resolution 7 Mega Pixel Cyber-shot with large 2.5 inch LCD Display, conversion lens and marine pack compatible.

DSCP200B

DSCP200

Cyber-shot

MEMORY STICK · PictBridge · ZEISS · Real Imaging Processor

Compact metal body 7 Mega Pixel Cyber-shot with infoLITHIUM battery and 2.0 inch LCD Display. Available in silver and black.

CL1	DSCW5	DSCW7	DSCP200
Megapixels	5.0 Megapixels	7.2 Megapixels	7.2 Megapixels
	✔	✔	✔
Tessar	Vario Tessar	Vario Tessar	Vario Tessar
x/Up to 10x	3x/6x/Up to 12x	3x/6x/Up to 14x	3x/6x/Up to 14x
/x	2.5"/✔	2.5"/✔	2.0"/✔
DUO/MS PRO DUO	MS/MS PRO	MS/MS PRO	MS/MS PRO
480, 30fps	640x480, 30fps	640x480, 30fps	640x480, 30fps
	✔	✔	✔
	✔	✔	✔
240 (infoLITHIUM)	210/420 (NH-AA-2A)	190/380 (NH-AA-2DA)	185/370 (InfoLITHIUM)

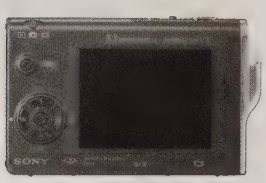
MPKWA
Marine housing for W series Cyber-shot

CSSPHB
Cyber-shot Station for DSCP200

ACCCN3TR
Starter Kit for S & W Series Cyber-shots

See pages 89-97 for more accessories

DSCT7B

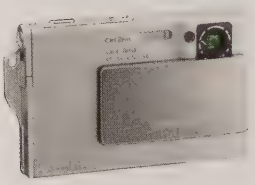


DSCT7S

DSCT7

Cyber-shot

Real Imaging Processor | ZEISS | PictBridge | MEMORY STICK



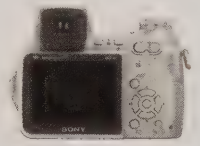
Ultra compact design (9.8mm thinnest point) with large 2.5 inch Clear Photo LCD. The DSCT7 combines portability, style and performance. Available in silver and black.

DSCM1

Cyber-shot

Real Imaging Processor | ZEISS | MPEGMOVIE4TV | PictBridge | MEMORY STICK

Hybrid Cyber-shot with 5 Mega Pixel still resolution and MPEG4TV video capture. Features advanced video and still recording modes and unique design.



DSCH1

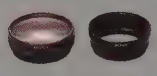
Cyber-shot

MEMORY STICK | PictBridge | ZEISS | Real Imaging Processor

High Zoom Cyber-shot with 5 Mega Pixel resolution, 12x Optical Zoom (36-432mm) and 2.5 inch LCD display. Utilises optical Super Steady Shot image stabiliser.

MATCHING ACCESSORIES

SPKTHA
Splash Proof Housing for DSCT7



VCLDEH07VA
Wide Conversion Lens for DSCV3

MSX4GN/2GN/1GN/512N/256N
Memory Stick PRO (High Speed)

	DSCT7	DSCM1	DSCH1
Mega Pixel Super HAD CCD	5.0 Megapixels	5.0 Megapixels	5.0 Megapixels
Real Imaging Processor	✔	✔	✔
Carl Zeiss Lens	Vario Tessar	Vario Tessar	x
Zoom (Optical/Digital/Smart)	3x/6x/Up to 12x	3x/6x/x	12x/24x/Up to 48x
LCD Screen/Viewfinder	2.5" Clear photo/x	2.5" Hybrid/x	2.5"/Electrical
Recording Media	MS DUO/MS PRO DUO	MS DUO/MS PRO DUO	MS/MS PRO
MPEG Movie	640x480, 30fps	640x480, 30fps	640x480, 30fps
PictBridge	✔	✔	✔
Picture Package	✔	✔	✔
Stamina mins/shots (BT)	75/150 (infoLITHIUM)	80/160 (infoLITHIUM)	145/290 (NHAA2DA)

MD = Micro Drive, CFC = CF Card, MPS = Mega Pixel Super, O/D/S = Optical/Digital/Smart, BT = Battery Type, MS = Memory Stick

DSCV3

Cyber-shot

Real Imaging Processor · ZEISS · PictBridge · MEMORY STICK

Functional 7 Mega Pixel Cyber-shot 2.5 inch LCD display, manual control 4x optical zoom (34-136mm) and Carl Zeiss lens. Dual Media compatibility.

DSCF828

Cyber-shot

MEMORY STICK · PictBridge · 4 color Super HAD CCD · ZEISS · Real Imaging Processor

Prosumer 8 Mega Pixel Cyber-shot with a 4 colour CCD system, manual control, 7x Optical Zoom (28-200mm) and Carl Zeiss T* lens. Dual Media compatibility.

MVCFD200

FD Mavica

MEMORY STICK

User-friendly Floppy Disk Mavica featuring a Memory Stick Slot.

MVCCD500

CD Mavica

ZEISS · COMPACT disc Recordable

High resolution 5 Mega Pixel CD Mavica featuring Carl Zeiss lens.

DSCV3	DSCF828	MVCFD200	MVCCD500
7.0 Megapixels	8.0 Mega Pixel 4 Clr	2.0 Megapixels	5.0 Megapixels
✓	✓	x	x
Vario-Sonnar	Vario-Sonnar T*	x	Vario-Sonnar
4x/8x/Up to 19x	7x/14x/Up to 32x	3x/6x/x	3x/x/x
2.5"/Optical	1.8"/Electrical	2.5"/x	2.5"/x
MS/MS PRO/CF/MD	MS/MS PRO/CF Card/MD	Floppy Disk/MS	8cm CD-R/CR-RW
640x480, 30fps	640x480, 30fps	320x240,16.6fps,w/o audio	640x480, 16.6fps
✓	✓	x	x
✓	✓	✓	✓
150/300 (infoLITHIUM)	185/370 (infoLITHIUM)	80/160 (infoLITHIUM)	110/220 (infoLITHIUM)

O/D/S = Optical/Digital/Smart, BT = Battery Type, MS = Memory Stick

LCSMVCA
Soft Carry Case

3MCRW156A
3 Pack of 8cm CD-RW

VCLHAO6
Wide Conversion Lens

See pages A6-17 for more accessories

www.sony.co.nz/cybershot

When you find it / you'll know

Unforgettable moments deserve to be preserved, Sony's latest range of Handycams are designed to do this in an even more user friendly way with exceptional quality. Sony camcorders have continually pushed the limits of conventional technology resulting in uncompromising picture and sound clarity and exciting new recording formats. All this, while offering evermore stylish, colourful and compact designs.

Easy Handycam

Easy Handycam

Ideal for first-time users, simply press the 'Easy' button and the camera's settings are set to automatic. Screen font size is also increased for easy viewing and selection.

Handycam Station supplied

Handycam Station

Taking convenience to a new level, by offering superb connectivity to a wide range of devices. Simply place your Handycam* into the cradle and you're connected to your TV, PC or PictBridge printer for playback, editing or printing. At the same time the Handycam station automatically charges your battery, ensuring that you'll always be ready to shoot whenever you want.

(*selected models only)

ZEISS

Precision Optics - Carl Zeiss Lenses

The quality of video depends greatly on the quality of the lens. With high precision Carl Zeiss lens, you will enjoy better contrast, improved clarity and sharper images. Vario-Sonnar T* lenses also use the most advanced multi-layer coating to reduce unwanted flaring and ghosting by up to 50% on the final image*. (*available on selected models only)

3CMOS Enhanced Imaging Processor

The revolutionary 3CMOS Sensor Camera System

The DCRPC1000E is the first Sony Handycam that incorporates the newly developed and unique CMOS Sensor to offer excellent picture quality at high speed. Three dedicated CMOS Sensors capture red, green and blue components of light individually for superior colour reproduction in both video and stills. Coupled with the superb Enhanced Imaging Processor, it delivers wide dynamic range, smear-free images, as well a wide angle of view in its image capture.

With Mega Pixel high-speed processing

With conventional signal processing

MEGA PIXEL ENGINE / the heart of Handycam

Mega Pixel Engine is an exclusive technology that can deliver images previously unseen on a mega pixel camcorder. Conventional mega pixel camcorders, using regular signal processing, are usually incapable of capturing mega pixel data fast enough from the CCD. By processing enormous amounts of data using ultra high-speed processing, Sony Handycams with Mega Pixel Engine technology can reproduce a higher degree of image accuracy.

Mega Pixel Engine is so efficient that it can condense information from 64 pixels into one optimised DV pixel on the tape. Conventional camcorders can only utilise 1 to 4 pixels to generate one DV pixel.

For superb definition with no loss in detail you can't beat a Sony Handycam with Mega Pixel Engine technology.

Widescreen LCD Display

2.7" WIDE LCD Monitor

Handycam LCD's have been redesigned to meet changing customer needs and to provide greater ease of use.

- **Wide Hybrid LCD**
  All Mega Pixel Handycams now utilise a 2.7" wide aspect LCD. It's true 16:9 screen mode allows for 14% wider viewing angle and up to 33% higher resolution.
- **Touch Panel LCD**
  Lets you activate or adjust user-friendly camera features with a simple touch of the LCD display. You can also create a customised 'Personal Menu' combining your favourite functions.
- **Record Start/Stop, Zoom**
  Start and stop recording simply by pushing a button on the LCD frame, for easy shooting from any angle. Zoom can also be adjusted from buttons on the LCD frame for greater control and ease of use.

Active Interface Shoe

Accessorise with Active Interface Shoe

Enjoy easy connection, more control and less hassle with the new and smaller Active Interface Shoe. Accessories like video lights and microphones connect easily and quickly and are controlled via the Handycam which even supplies the power reducing weight and extra wiring.

DOLBY DIGITAL 5.1 CREATOR

Dolby Digital 5.1 Creator

Enjoy more realistic sound with the new DVD Handycams and their ability to capture surround sound directly on to your DVD movies. A combination of world first technologies in consumer products including Digital Auto Gain Control and Dolby Digital.

The latest / Handycam

DCRHC42E
MiniDV Handycam

Mini DV · ZEISS · MEGA PIXEL ENGINE · MEMORY STICK · Active Interface

The DCRHC42E features the Sony Handycam Station designed for convenient connection to your TV or PC and keeps your camera charged for use at anytime. Excellent picture quality is achieved through the use of a high resolution Mega Pixel Super HAD CCD and Mega Pixel Engine processor. This sensor and processor combination is optimised for 16:9 widescreen recording and this camera has been fitted with a wide screen touch panel LCD so you can see exactly what you are recording.

DCRPC55ER/W/B/S

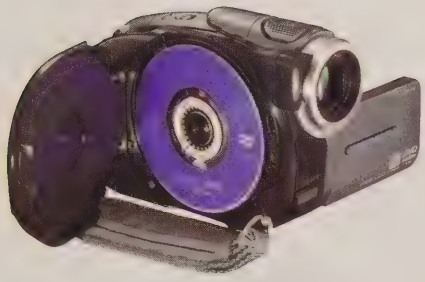
DCRPC55E
MiniDV Handycam

Active Interface · MEMORY STICK · ZEISS · Mini DV

The ultra compact DCRPC55E MiniDV Handycam is engineered for quick and easy everyday use. Bring it with you wherever you go to capture the day's fun and spontaneous moments. The large 3 inch LCD display, Handycam Station and new Slide Show Plus image viewer make it ideal for viewing and sharing with friends. Available in four fun colours the new design just fits into the palm of your hand.

DCRDVD803E

DVD Handycam



The DCRDVD803E sets new standards in performance and simplicity with a combination of world first technological breakthroughs and the integration of user friendly features not seen in the DVD Handycam range before. Picture quality has taken a leap forward with the use of a Carl Zeiss T* Lens, 3 Mega Pixel Super HAD CCD and the Sony Mega Pixel Engine processor. This extremely high picture quality has been matched with the ability to give you Dolby Digital 5.1 channel surround sound recorded straight onto your DVD movies. Playback compatibility has been improved by the ability to record on both –R/RW as well as +RW 8cm DVD discs. All this technology has been made easier to use than ever with the inclusion of Easy Handycam mode and a 2.7 inch 16:9 Wide Hybrid Touch Panel LCD display.

CCDTRV438E

Hi8 Handycam

Hi8

Affordable Hi8 Handycam lets you capture your memories with user friendly features including Easy Handycam mode and in-built light.

DCRTRV285E

Digital8 Handycam

Capture your footage on Digital8 format for higher quality and greater ease of editing.

DCRTRV480E

Digital8 Handycam

Memory Stick

Digital8 Handycam with digital still capability, touch screen LCD and backwards compatibility with 8mm / Hi8 tapes.

MATCHING ACCESSORIES

ACCDHM3
Starter Kit for Hi/D8 Handycams

VCLHA06
Wide Conversion Lens for 25/30/35mm Handycams

VCTR640
Tripod

	CCDTRV438E	DCRTRV285E
CCD	1/6" 380K Pixels	1/6" 540K Pixels
LCD Screen/Touch Panel/Hybrid	2.5" 123K Pixels/x/x	2.5" 123K Pixels/x/x
Carl Zeiss Lens	x	x
Zoom (Optical/Digital)	20x/990x	20x/990x
Memory Stick	x	x
USB Streaming	x	✔
Handycam Station	x	x
Easy Handycam Mode	✔	✔
Picture Package/Image Mixer	x/x	✔/✔
Stamina (max. recording time)	1010 min with opt. NPQM91D	725 min with opt. NPQM91D

DCRHC21E
MiniDV Handycam

MiniDV ZEISS

MiniDV Handycam with 20x optical zoom, Super Steady Shot and Carl Zeiss lens.

DCRHC32E
MiniDV Handycam

MEMORY STICK ZEISS MiniDV

MiniDV Handycam with digital still capability and Handycam Station for easy connectivity to TV, PC or Pictbridge Printer.

DCRHC42E
MiniDV Handycam

Active Interface MEMORY STICK MEGAPIXEL ENGINE ZEISS MiniDV

Mega Pixel MiniDV Handycam with high quality wide screen video and still recording and 2.7" wide hybrid touch panel LCD display.

TRV480E	DCRHC21E	DCRHC32E	DCRHC42E
540K Pixels	1/6" 800K Pixels	1/6" 800K Pixels	1/5" 1070K Pixels
123K Pixels/ ✔ /x	2.5" 123K Pixels/ ✔ /x	2.5" 123K Pixels/ ✔ /x	2.7" 123K Pixels/ ✔ / ✔
	Vario Tessar	Vario Tessar	Vario Tessar
990x	20x/800x	20x/800x	12x/480x
MS PRO	x	MS Duo/PRO Duo	MS Duo/PRO Duo
	✔	✔	✔
	x	✔	✔
	✔	✔	✔
	✔ / ✔	✔ / ✔	✔ / ✔
in with opt. NPQM91D	550 min with opt. NPFP90	500 min with opt. NPFP90	415 min with opt. NPFP90

ACCDVP2
Starter Kit for MiniDV Handycam

HVLHFL1
Flash Light and 3 Watt Video Light

NPFP90
Ultra Long life P Series Battery

See pages 29-07 for more accessories

www.sony.co.nz/handycam

1299.95 inc

DCRPC55ER/W/B/S

DCRPC55E
MiniDV Handycam

Mini DV · ZEISS · Memory Stick · Active Interface

Ultra-compact MiniDV Handycam with large 3 inch touch panel LCD, Handycam station and available in four fun colours.

DCRHC90E
MiniDV Handycam

Mini DV · ZEISS · MEGA PIXEL ENGINE · Memory Stick · Active Interface

3 Mega Pixel MiniDV Handycam with built-in photo flash and Active Interface Shoe for greater accessory connectivity.

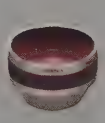
DCRPC1000E
3CMOS Sensor MiniDV Handycam

Active Interface · Memory Stick · Enhanced Imaging Processor · ZEISS · Mini DV

3CMOS Sensor MiniDV Handycam with new Enhanced Imaging Processor for superior video performance.

MATCHING ACCESSORIES

NPFA70
Long Life A Series Battery



VCLHG0730X
High Grade Wide Conversion Lens for 30mm Handycam

ECMHST1
Stereo Microphone for Active Interface shoe

	DCRPC55E	DCRHC90E
CCD/CMOS	1/6" 800K Pixels	1/3" 3310K Pixels
LCD Screen/Touch Panel/Hybrid	3.0" 123K Pixels/ ✔ / ✔	2.5" 123K Pixels/ ✔ / ✔
Carl Zeiss Lens	Vario Tessar	Vario Sonnar T*
Zoom (Optical/Digital)	10x/120x	10x/120x
Memory Stick	MS Duo/Duo PRO	MS Duo/Duo PRO
USB Streaming	✔	✔
Handycam Station	✔	x
Easy Handycam Mode	✔	✔
Picture Package/Image Mixer	✔ / ✔	✔ / ✔
Stamina (max. recording time)	110 min with NPFA70	180 min with opt. NPFA70

DCRDVD602E
DVD Handycam

1199.

DVD Handycam with 20x optical zoom, touch panel LCD display and Easy Handycam mode.

1399.95

DCRDVD653E
DVD Handycam

DVD Handycam with USB connection for PC video editing and Active Interface Shoe.

1599.95

DCRDVD703E
DVD Handycam

Mega Pixel DVD Handycam with high quality, wide screen video and still recording, 2.7 inch wide hybrid touch panel LCD display and Mega Pixel Engine for increased picture quality.

PC1000E	DCRDVD602E	DCRDVD653E	DCRDVD703E
790K Pixels x3	1/6" 800K Pixels	1/6" 800K Pixels	1/5.5" 1070K Pixels
123K Pixels/ ✓ / ✓	2.5" 123K Pixels/ ✓ / ✓	2.5" 123K Pixels/ ✓ / ✓	2.7" 123K Pixels/ ✓ / ✓
Sonnar T*	Vario Tessar	Vario Tessar	Vario Tessar
20x	20x/800x	20x/800x	12x/480x
Duo/Duo PRO	x	x	x
treaming	x	x	x
	x	x	x
	✓	✓	✓
	x/ ✓	x/ ✓	✓ / ✓
in with opt. NPFA70	345 min with opt. NPFP90	345 min with opt. NPFP90	235 min with opt. NPFP90

ECMHQP1
4 Channel Surround Microphone for Active Interface shoe

ACCDVDP
Starter Kit for DVD Handycam

SPKHCA
Splash Proof Handycam Housing

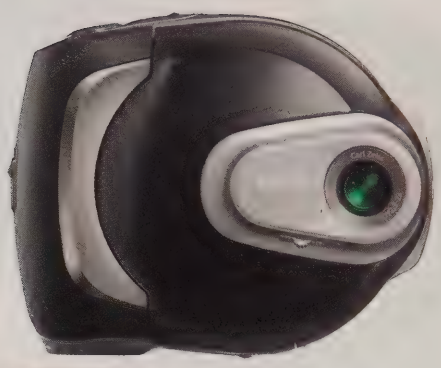
See pages 89-97 for more accessories

www.sonystyle.nz/handycam

DCRDVD803E

DVD Handycam

The world's first 3 Mega Pixel DVD Handycam with built-in surround sound microphone, photo flash and Active Interface Shoe for greater accessory compatibility.



DCRDVD7E

DVD Handycam

Uniquely designed DVD handycam lets you record your movies in style. A compact design means you can take it anywhere yet it's still packed with standard Sony features like Carl Zeiss lens, Super Steady Shot and 10x optical zoom.

DCRVX2100E

3CCD MiniDV Handycam

Semi-professional 3CCD Handycam with optical Super Steady Shot. Amazing 1 lux low light recording capability.

HDRFX1E

3CCD High Definition Video Handycam

World's first consumer high definition camcorder. 1080i lines of resolution captured on regular MiniDV tapes. Utilises 16:9 ratio LCD screen and offers a host of custom preset options.

	DCRDVD803E	DCRDVD7E	DCRVX2100E	HDRFX1E
CCD	1/3" 3310K Pixels	1/6" 800K Pixels	1/3" 450K Pixels x3	1/3" 16:9 1070K Pixels x3
LCD Screen/Touch Panel/Hybrid	2.7" 123K Pixels/ ✓ / ✓	2.5" 123K Pixels/ ✓ / ✓	2.5" 211K Pixels/x/ ✓	3.5" (16:9) 250K Pixels/x/ ✓
Zoom (Optical/Digital)	10x/120x	10x/120x	12x/48x	12x/x
Memory Stick	x	x	MS/PRO	x
Manual Zoom/Manual Focus Ring	x/x	x/x	✓ / ✓	✓ / ✓
Shutter Speed / Iris Control	Auto/Auto	Auto/Auto	✓ / ✓	✓ / ✓
Audio Gain Adjustment	✓	x	✓	✓
Picture Custom Presets	Auto	Auto	✓	✓
Zebra Pattern	x	x	✓	✓
Stamina (max. recording time)	235 min with opt. NPFP90	190 min with opt. NPFA70	560 min with opt. NPF960	390 min with opt. NPF970

Connect to life in High Speed

Expand and enrich your digital life with Sony Memory Stick. The network media of choice now includes high-speed versions that are faster and more capacious than ever before. Now you can transfer multi-megapixel images, higher quality video and audio as well as heavy-duty multimedia files to your PC at the speed of up to 80Mbps (10MB/s). With Sony Memory Stick, connecting to life is that much easier and faster.

With a wider operating temperature (-25 degrees to 85 degrees Celsius) you can expect the same performance from your Memory Stick whether you're up on the ski slopes in winter or if it's left in your car in the height of summer.

MSX4GN/2GN/1GN/512N/256N
Memory Stick PRO (High Speed)

- Provides High-speed data transfer of up to 80Mbps (10MB/s)
- Access Control Function

MSX1GS/512S/256S
Memory Stick PRO

- 1GB, 512MB, 256MB Capacity

MSH128S2
Memory Stick Select

- 256MB Capacity (128MB x 2 Switchable)

MSH128/64/32
Memory Stick

Erasure prevention switch

MSXM2GN/1GN/512N/256N
Memory Stick PRO Duo (High Speed)

- 1/3 the size of Memory Stick PRO for use in ultra compact devices
- Provides High-speed data transfer of up to 80Mbps (10MB/s)

MSXM1GS/512S/256S
Memory Stick PRO Duo

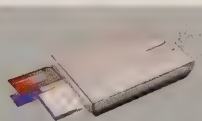
- 1/3 the size of Memory Stick PRO for use in ultra compact devices

MSHM128N/64N/32N
Memory Stick Duo

- 1/3 of the size standard Memory Sticks for use in ultra compact devices

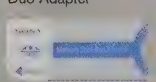
Number of shots on Memory Stick

	Memory Stick Capacity				
Camera Resolution	256 MB	512 MB	1 GB	2 GB	4 GB
4 MP	110	242	484	1013	2029
5 MP	87	188	384	788	1580
7 MP	61	132	270	553	1110
8 MP	56	121	247	506	1015



MSACPC4
Memory Stick PC Card Adapter

MSACM2
Memory Stick Duo Adapter



HDPSM1
Hard Disk Photo Storage

LCHMA
Memory Stick Carry Case

MSACM2
Memory Stick Duo Adapter

MSACPC4
Memory Stick PC Card Adapter

MSACUS30
Memory Stick USB Adapter

VIDEO WALKMAN

GVD800E
Hi8/D8 Video Walkman with LCD display

Hi8

- 4" Colour LCD Display
- Digital 8 Record and Playback
- 8mm/Hi8 Playback
- Program Assemble Edit
- i.LINK DV In/Out
- 12/16bit PCM Digital Stereo Sound
- Crystal Clear Still and Slow Motion
- Built in speaker and headphone jack.
- Time code
- Index Titler
- A/V and S-Video Input/Output
- RFU Out
- Supplied Accessories
- AC Adapter, 21pin Adapter, AV Cable.

GVD1000E
MiniDV Video Walkman with LCD display

MiniDV MEMORY STICK

- 4" Colour LCD Display
- MiniDV Record and Playback
- Digital Program Editing
- i.LINK DV In/Out
- 12/16bit PCM Digital Stereo Sound
- Clear Still and Slow/Fast Playback
- Built in speaker and headphone jack(2).
- Time Code/Data Code
- Date/Photo/Cassette Memory Search
- USB Streaming
- Memory Stick Slot
- A/V and S-Video Input/Output
- Supplied Accessories
- AC Adapter, 21pin Adapter, AV Cable, USB Cable, Remote Commander, Software CD ROM.

PORTABLE HARD DISK PHOTO STORAGE

HDPSM1
Hard Disk Photo Storage

MEMORY STICK

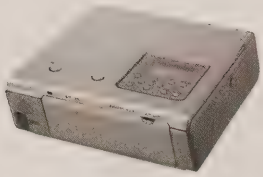
- Hard Disk Photo Storage
- Memory Stick and Compact Flash Compatible
- 40GB Capacity
- Battery Operated
- USB 2.0

Digital Printers

DPPFP30
Digital Photo Printer

PictBridge

- 300x300 dpi resolution
- Compact lightweight design
- USB connection for PC connectivity
- PictBridge compatible for direct printing
- Print speed 90sec 4x6".



DPPFP50
Memory Stick Photo Printer

PictBridge MEMORY STICK

- Memory Stick, Compact Flash and Secure Digital Card Slots for direct printing
- 300x300 dpi resolution
- TV output and remote control for ease of use
- Red eye reduction, brightness, sharpness and colour control
- Creative print – frame, wall paper, calendar, text input, stamp and 3D effect
- USB connection for PC connectivity
- PictBridge compatible for direct printing
- High speed printing approx 63 sec 6x4".

Print Media

SVMF40P
- 40 sheets of super coated 4x6" print paper for DPPFP30/FP50
- Includes dye cartridge

SVMF80P
- 80 sheets of super coated 4x6" print paper for DPPFP30/FP50
- Includes dye cartridge

USB Cables

VMC14UMB2

Mini-B USB to USB cable for Cyber-shot and Handycam.

VMC15MU

Multi terminal to USB cable for Cyber-shot.

Audio Video cables

VMC20FR

Audio Video cable for Handycam.

VMC30FR

High Grade Audio Video cable for Handycams with AV mini jacks. Designed for use with large screen TV's.

VMC15FS

Audio Video & S Video cable for Handycam.

VMC30FS

High Grade Audio Video & S Video cable for Handycams with AV multi terminals. Designed for use with large screen TV's.

VMC30VC

High Grade Component Video cable for HDV Handycams. Designed for use with large screen TV's.

i.LINK IEEE1394 Digital Connection Cables

VMCIL4408	4 pin - 4 pin i.LINK terminal	0.8m
VMCIL4415	4 pin - 4 pin i.LINK terminal	1.5m
VMCIL4615	4 pin - 6 pin i.LINK terminal	1.5m
VMCIL6615	6 pin - 6 pin i.LINK terminal	1.5m
VMCIL4435	4 pin - 4 pin i.LINK terminal	3.5m
VMCIL4635	4 pin - 6 pin i.LINK terminal	3.5m
VMCIL6635	6 pin - 6 pin i.LINK terminal	3.5m

Accessories

ACCESSORY KITS

ACCBDL
Starter Kit for S & W series Cyber-shots, includes Bag, & 2x NiMH Battery

ACCCN3CTR
Starter Kit for S & W Series Cyber-shots, includes Bag, Charger & 2x NiMH Batteries

ACCCFR
Starter Kit for DSCP200 Cyber-shot, includes Bag, Battery & Memory Stick Case

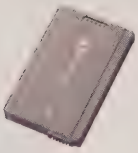
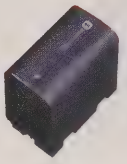
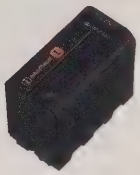
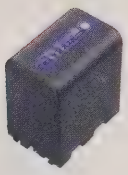
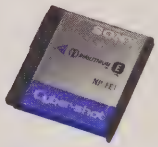
ACCCFT
Starter Kit for DSCL1 Cyber-shot, includes Bag & Battery

ACCDVDP
Starter Kit for DVD Handycam, includes Bag, Battery, 8cm DVD & DVD Disc case

ACCDVP2
Starter Kit for MiniDV Handycam, includes Bag, Battery & Tape

ACCDHM3
Starter Kit for Hi8/D8 Handycams, includes Bag Battery & Tape

BATTERIES

A Series

NPFA50
Accessory Battery

NPFA70
Long Life Battery

P Series

NPFP50
Accessory Battery

NPFP70
Long Life Battery

NPFP90
Ultra Long Life Battery

M Series

NPFM50
Accessory Battery

NPQM71D
Long Life Battery

NPQM91D
Ultra Long Life Battery

L Series

NPF570
Accessory Battery

NPF770
Long Life Battery

NPF970
Ultra Long Life Battery

T Series

NPFT1
Accessory Battery for DSCL1

R Series

NPFR1
Accessory Battery for P200/V3

E Series

NPFE1
Accessory battery for DSCT7

Rechargeable Batteries

NHAA2DB
Rechargeable NiMH AA Batteries x2 (1.2V, 2500mAH)

NPNH25
Rechargeable NiMH Battery (1.2V, 2500mAH)

BATTERY CHARGERS/AC ADAPTERS

ACL100
AC Adapter for M & L series battery compatible Handycams

ACL200
AC Adapter for P, A & F series battery compatible Handycams

ACSQ950D
AC/DC Adapter and M Series Battery charger. Super Quick charge

ACVQ50
AC Adapter and M Series Battery charger. Super Quick charge

BCVM50
AC Charger M Series Batteries

ACVQP10
AC Adapter and P Series Battery charger

BCTRP
AC Charger for P Series Battery

BCTRA
AC Charger for A Series Batteries

BCV615
AC Charger L Series Batteries

ACV700A
AC Adapter and L Series Battery charger

DCCL50B
DC Adapter for Handycams

BCTR1
AC Charger for T/R Series Battery

BCTR30
AC Charger for NiMH Batteries

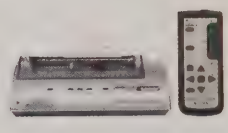
ACLS5K
AC Adapter for Cyber-Shot

DCCL1
DC Adapter for Cyber-Shot

CYBER-SHOT STATIONS

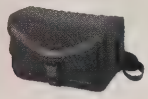
CSSSA
Cyber-shot Station.
- Easily connect TV, PC, or PictBridge photo printer
- In camera battery charging on station
- Includes ACLS5K adapter and NPNH25 Battery
- Compatible with DSCS60/90 Cyber-shots

CSSPHB
Cyber-shot Station.
- Easily connect TV, PC, or PictBridge photo printer
- Includes wireless remote for effortless viewing on TV
- Charges camera when docked
- Compatible with DSCP200 Cyber-shot



HANDYCAM CARRY CASES

LCSVA20
Small soft carry case



LCSNCA
General Purpose carry case

LCSVA6
Backpack with detachable day bag

LCSHCB
Soft carry case for DCRHC21E/32E/42E

LCMHCD
Semi soft carry case for DCRHC21E/32E/42E

LCSPC55
Leather carry case for DCRPC55E

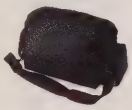
LCMDVDB
Semi soft carry case for DVD Handycam

LCMHCC
Semi soft carry case for DCRHC90E

LCSDVD7
Exclusive case for DCRDVD7E

LCHVX2000A
Hard carry case for DCRVX2100E

LSCVCB
Soft carry case for FX1E/VX2100E



LCHFXA
Hard carry case for FX1E

CYBER-SHOT CARRY CASES

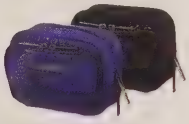
LCSCP2
Soft carry case for Cyber-shot

LCSCSD
Soft carry case for Cyber-shot

LCSLA
Leather carry case for DSCL1

LCSLBH
Soft carry cases for DSCL1

LCSSAB/L
Carry case for S & W series. Black or Blue colour



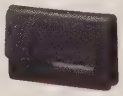
LCMWA
Carry case for DSCW5/7

LCSPHC
Soft carry case for DSCP200

LCSPHE
Leather carry case including mini pouch for DSCP200

LCMPHA
Carry case for DSCP200

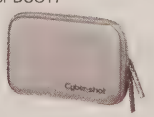
LCSTHE
Leather carry case for DSCT7



LCSWB
Leather carry case for W5/W7

LCSWD
Soft carry case for W5/W7

LCMTHA
Semi soft carry case for DSCT7



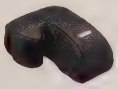
LCSMHA
Leather carry case for DSCM1

LCJVHA
Leather jacket case for DSCV3

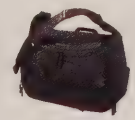
STPSA
Shoulder strap and battery pouch for DSCF828, DSCF717, DSCV1 and MVCCD500.

LCSHA
Soft carry case for DSCH1

LCJFHB
Leather Jacket case for DSCF828



LCSCSE
Large soft carry case for Cyber-shot. Extra space for accessories



LCHFHB
Hard carry case for DSCF828/717/707

LCSMVCA
Soft carry case for CD/FD Mavica

TRIPODS

VCTS30L
Cold Shoe Accessory Adapter attaches to tripod mount on Handycam.

VCTTK1
Pocketable table top tripod.

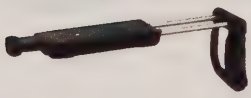
VCTMTK
Compact Travel Tripod includes pouch and cleaning cloth

VCT1500L
Tripod with ultra low shooting angle capability

VCTR640
Basic Tripod, max height: 1440mm

VCTD580RM
Tripod with remote functions, max height: 1140mm

VCT870RM
Deluxe Tripod with remote function, max height: 1630mm



VCTFXA
Shoulder brace for HDRFX1E

RMDR1
Remote for digital still cameras

RMVD1
Remote for Handycams

MICROPHONES

ECMHS1
Electric Condenser Microphone. Gun, Zoom Mic for use with Intelligent Accessory Shoe.

ECMHST1
Stereo Microphone (Active Interface Shoe)

ECMHQP1
4 Channel Surround Microphone (Active Interface Shoe)

ECMHGZ1
Gun/Zoom Microphone (Active Interface Shoe)

CAMERA LIGHTS AND FLASHES

HVL20DMA
10/20 Watt switchable Video Light. Requires M Series battery (Cold Accessory Shoe)

HVLHL1
3 Watt Video Light (Active Interface Shoe)

HVLHFL1
Flash Light and 3 Watt Video Light (Active Interface Shoe)

HVLHIRL
Infra Red Video Light and 3 Watt Video Light (Active Interface Shoe)

HVLIRM
Infra-Red Video Light. Requires NPQM71D/91D Battery or two AA alkaline batteries (Cold Accessory Shoe)

HVLF32X
Strong Photo Flash Light (Intelligent Accessory Shoe)

HVLFS1B
Designed for Cyber-shots without ACC terminals, trigged by camera flash. (Attaches to Tripod mount)

HVLF1000
Strong Photo Flash Light connects via ACC terminal (Cold Shoe Accessory)

HVLRLA
Ring Flash Light for DSCF828

WIDE CONVERSION LENS

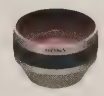
VCL0625S
Wide Conversion Lens x0.6 for Ø25mm Handycam

VCLHG0725
High Grade Wide Conversion Lens x0.7 for Ø25mm Handycam

VCLHA06
One Touch Wide Conversion lens x0.6 for Ø25/30/37mm Handycams & Mavica

VCL0630X
Wide Conversion Lens x0.6 for 30mm Handycams

VCLHG0730X
High Grade Wide Conversion Lens for Ø30mm Handycams.



VCL0637S
Wide Conversion Lens x0.6 for Ø37mm Handycam

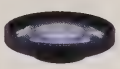
VCLHG0737A
High Grade Wide Conversion Lens x0.7 for Ø37mm Handycam

VCLHG0758
Wide Conversion Lens x0.7 for Ø58mm for Handycam

VCLHG0872
0.8x Wide Conversion Lens for FX1E

VCLSW04
Super Wide Conversion Lens x0.4 for Ø25/30/37mm Handycam

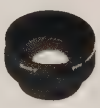
VCLMHG07A
High Grade Wide Conversion Lens x2.0 for Ø58/52/37mm Handycam



VCLDH0730
Wide Conversion Lens x0.7 for Ø30mm Cyber-Shot

VCLDEH07VA
High Grade Wide Conversion Lens x0.7 for DSCV3

VCLHGD0758
High Grade Wide Conversion Lens for Ø58mm for Cyber-Shot



TELE CONVERSION LENSES

VCL2025S
Tele Conversion Lens x2.0 for Ø25mm Handycam

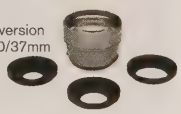
VCLHG2025
High Grade Tele Conversion Lens x2.0 for Ø25mm Handycam

VCL2030X
Tele Conversion Lens For Ø30mm Handycam

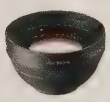
VCLHG2030
High Grade Tele Conversion Lens x2.0 for Ø30mm Handycam

VCLST30
Super Tele Conversion Lens x3.0 For Ø30/37mm Handycam

VCLHA20
One Touch Tele Conversion Lens x2.0 for Ø25/30/37mm Handycams



VCLR2037S
Tele Conversion Lens x2.0 for Ø37mm Handycam



VCLHG2037A
High Grade Tele Conversion Lens x2.0 for Ø37mm Handycam

VCLHG1758
High Grade Tele Conversion Lens x1.7 for Ø58mm Handycam

VCLTW25
Twin Conversion Lens (Wide x0.7, Tele x2.0) for Ø25 Handycam

VCLDH2630
Tele Conversion Lens x1.7 for Ø30mm Cyber-shot

VCLDH1730
High Grade Tele Conversion Lens x1.7 for Ø30mm Cyber-Shot

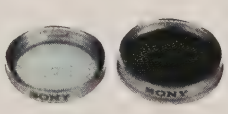
VCLHGD1758
High Grade Tele Conversion Lens x1.7 for Ø58mm Cyber-Shot

VCLDEH17VA
High Grade Tele Conversion Lens x1.7 for DSCV3

FILTER/FILTER KITS/LENS HOODS/MACRO LENS

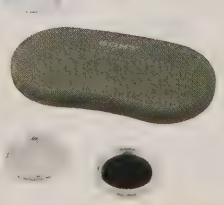
VF58SC/VF370K/VF520K
Special Effects Filters

VF25CPKS/VF30CPKXS/VF37CPKS/ VF52CPKS/VF72CPK/VF58CPKS
Lens Protector and Polarising Filters for selected Handycam and Cyber-shot cameras

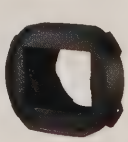


VCLM3358
Close Up Lens Ø58mm for Cyber-Shot

VFR25NK/VFR30NKX/VFR37NK/ VFR52K/VF58MS
Lens Protector and Neutral Density filters for selected Handycam and Cyber-shot cameras



LSFS58
Lens Hood for VCLHG0758

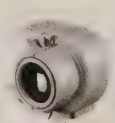


LSFVHA
Lens Hood for DSCV3

ADAPTORS

VADPEB
Adapter for DSCS40/S60. Allows connection of conversion lenses

VADWA
Adapter for DSCW5/7. Allows connection of conversion lenses



VADPHC
Adapter for DSCP200. Allows connection of conversion lenses

VADVHA
Adapter for DSCV3. Allows connection of conversion lenses

LCD CLEANING KIT

KKLC3
Removes finger print smudges from LCD monitors etc

PCKL25
LCD Screen protector for Cyber-Shot

www.sony.co.nz/digital

Marine Housing

Why limit the use of your Cyber-shot or Handycam to dry conditions. Take advantage of a sports pack or marine pack to use your camera on the boat, at the beach, or in the snow.

UNDERWATER PRODUCTS

MPKWA
Marine housing for W series Cyber-shot.
Operational depth 40m

MPKDVF7
Marine housing for Handycam

VFMP5K
Colour Filter kit for Cyber-Shot Marine housings

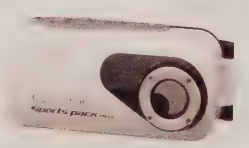
VCTMP1K
Arm adapter kit required for attachment of HVLML20M

HVLML20M
Marine Video Light to be used with VCTMP1K

SPORTS HOUSING

SPKHCA
Rugged splash proof housing for use in extreme conditions like snow, beach and water

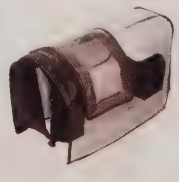
SPKSA
Rugged splash proof housing for S series Cyber-shot for use in extreme conditions like snow, beach & water



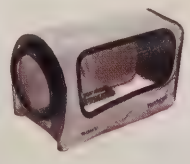
SPKLA
Rugged splash proof housing for DSCL1 for use in extreme conditions like snow, beach & water

SPKTHA
Rugged splash proof housing for DSCT7 for use in extreme conditions like snow, beach & water

LIGHT RAIN / SNOW JACKETS



LCRFXA
Suits HDRFX1E



LCRVX2000A
Suits DCRVX2000E, DCRVX2100E

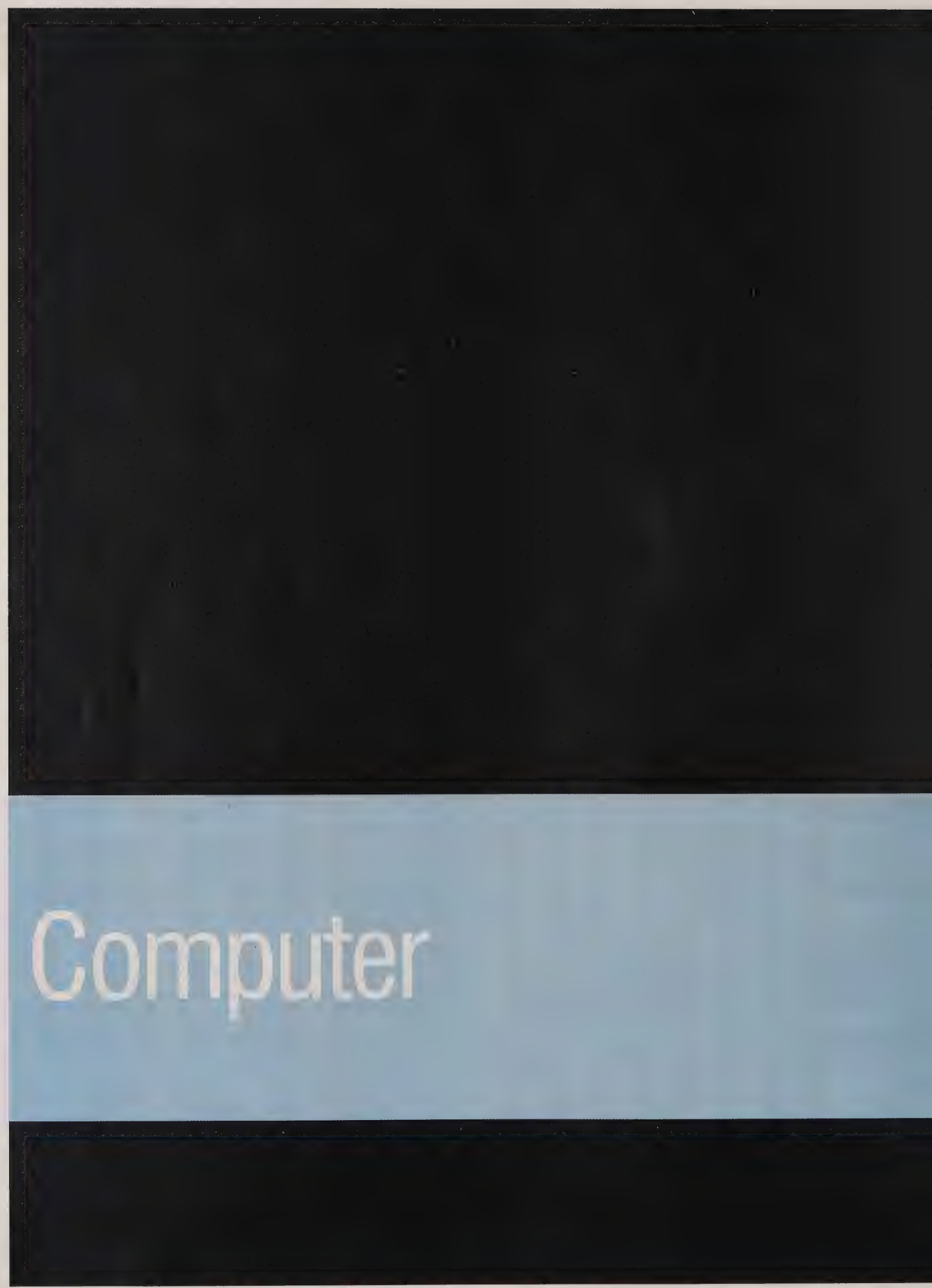
LCRTRX5
For HC/TRV series Handycam

HANDYCAM

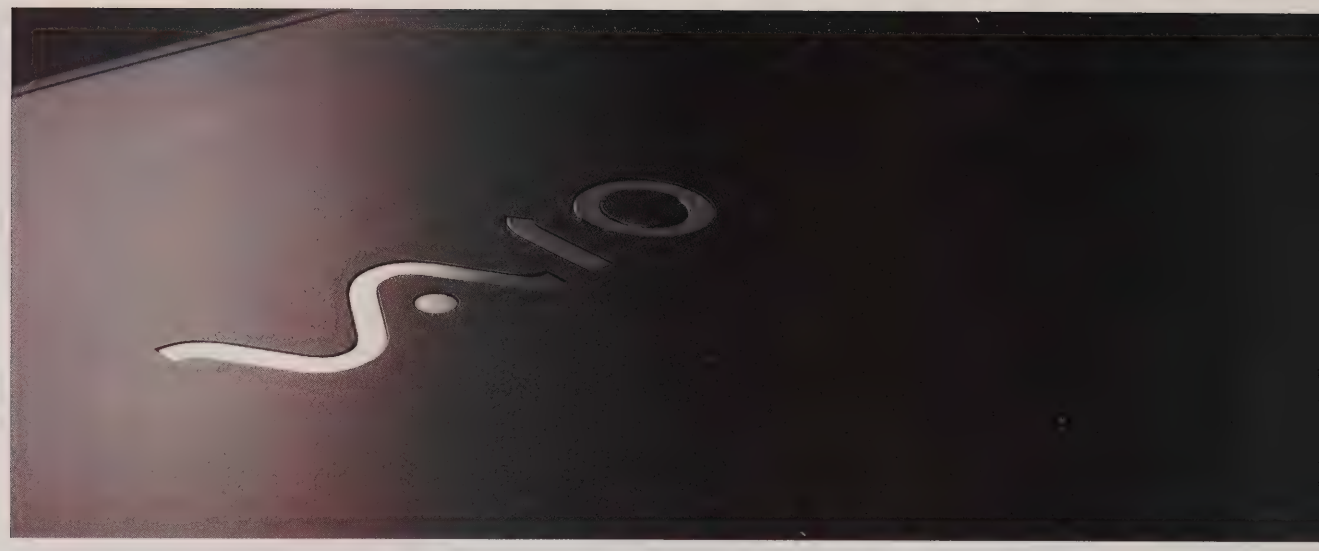
	CCDTRV438E	DCRTRV285E	DCRTRV480E	DCRHC21E	DCRHC32E	DCRHC42E	DCRPC55E	DCRHC90E	DCRPC1000E	DCRDVD602E	DCRDVD653E	DCRDVD703E	DCRDVD803E	DCRDVD7E	DCRVX2100E	HDRFX1E
BATTERIES																
NPF570															✓	✓
NPF770															✓	✓
NPF970															✓	✓
NPFM50	✓	✓	✓													
NPQM71D	✓	✓	✓													
NPQM91D	✓	✓	✓													
NPFA50							✓	✓	✓					✓		
NPFA70								✓	✓					✓		
NPFP50				✓	✓	✓				✓	✓	✓				
NPFP70				✓	✓	✓				✓	✓	✓	✓			
NPFP90				✓	✓	✓				✓	✓	✓	✓			
CHARGERS AND AC ADAPTERS																
ACL100	✓	✓	✓												✓	✓
ACL200				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
ACSQ950D	✓	✓	✓													
ACVQ50	✓	✓	✓													
BCVM50	✓	✓	✓													
ACVQP10				✓	✓	✓				✓	✓					
BCTRP				✓	✓	✓				✓	✓	✓	✓			
BCTRA							✓	✓	✓					✓		
ACV700A															✓	✓
BCV615															✓	✓
DCCL50B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TELE CONVERSION LENSES																
VCL2025S				✓	✓	✓										
VCLHG2025				✓	✓	✓										
VCL2030X								✓	✓	✓	✓	✓	✓			
VCLHG2030								✓	✓	✓	✓	✓	✓			
VCLST30	✓	✓	✓													
VCLR2037S	✓	✓	✓													
VCLHG2037A	✓	✓	✓													
VCLHA20	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓			
VCLHG1758															✓	
VCLM3358															✓	
WIDE CONVERSION LENSES																
VCLSW04	✓	✓	✓	✓	✓	✓										
VCLTW25				✓	✓	✓										
VCL0625S				✓	✓	✓										
VCLHG0725				✓	✓	✓										
VCLHA06	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓			
VCL0630X								✓	✓	✓	✓	✓	✓			
VCLHG0730X								✓	✓	✓	✓	✓	✓			
VCL0637S	✓	✓	✓													
VCLHG0737A	✓	✓	✓													
VCLHG0758															✓	
VCLMHG07A	✓	✓	✓												✓	
VCLHG0872																✓
FILTERS																
VFR25NK				✓	✓	✓										
VF25CPKS				✓	✓	✓										
VFR30NKX								✓	✓	✓	✓	✓	✓			
VF30PKXS								✓	✓	✓	✓	✓	✓			
VF37CPKS	✓	✓	✓													
VFR37NK	✓	✓	✓													
VF58CPKS															✓	
VF58MS															✓	
VF58SC															✓	
VF72CPK																✓
SPORTS HOUSINGS																
SPKHCA				✓	✓	✓		✓		✓	✓	✓	✓			
MPKDVF7				✓	✓	✓		✓		✓	✓	✓	✓			
LCRFXA																✓
LCRVX2000A															✓	
LCRTRX5	✓	✓	✓	✓	✓	✓										
MICROPHONES																
ECMHS1															✓	
ECMHGZ1						✓	✓	✓	✓	✓	✓	✓	✓			
ECMHQP1											✓	✓	✓			
ECMHST1						✓	✓	✓	✓	✓	✓	✓	✓			
VIDEO LIGHTS AND FLASHES																
HVL20DW2															✓	✓
HVL20DMA	✓	✓	✓													
HVLIRM	✓	✓	✓													
HVLHFL1						✓	✓	✓	✓	✓	✓	✓	✓			
HVLHL1						✓	✓	✓	✓	✓	✓	✓	✓			
HVLHIRL						✓		✓		✓	✓	✓	✓			
TRIPODS AND SHOE ADAPTORS																
VCTTK1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
VCTMTK	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
VCTR640	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
VCT1500L	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
VCTD580RM				✓	✓	✓		✓	✓	✓	✓	✓	✓	✓		
VCTD870RM				✓	✓	✓		✓	✓	✓	✓	✓	✓	✓		
RMVD1				✓	✓	✓		✓	✓					✓	✓	✓
VCTFXA																✓
OTHERS																
ACCDVDP										✓	✓	✓	✓			
ACCDVP2				✓	✓	✓										
ACCDHM3	✓	✓	✓													
VMC20FR	✓	✓	✓												✓	✓
VMC15FS				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
VMC30VC																✓
VMC14UMB2		✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		
PCKL25	✓	✓	✓	✓	✓				✓	✓	✓		✓	✓		

DIGITAL STILL CAMERAS

	DSCS40	DSCS60	DSCS90	DSCL1	DSCW5	DSCW7	DSCP200	DSCT7	DSCM1	DSCV3	DSCH1	DSCF828	MVCFD200	MVCCD500
BATTERIES														
NHAA2DB	✓	✓	✓		✓	✓					✓			
NPNH25		✓	✓											
NPFR1							✓			✓				
NPFT1				✓					✓					
NPFE1								✓						
NPF570													✓	
NPFM50												✓		✓
CHARGERS AND AC ADAPTERS														
ACLS5K	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓			
BCTR30	✓	✓	✓		✓	✓					✓			
BCTR1				✓			✓		✓	✓				
ACSQ950D												✓		✓
ACVQ50												✓		✓
BCVM50												✓		✓
ACV700A													✓	
BCV615													✓	
DCCL1				✓			✓		✓	✓				
DCCL50B												✓	✓	✓
LENS ADAPTERS														
VADPEB		✓	✓											
VADWA					✓	✓								
VADPHC							✓							
VADVHA										✓				
VADS70B														✓
TELE CONVERSION LENSES														
VCLDH1730		✓	✓		✓	✓	✓							
VCLDH2630		✓	✓		✓	✓	✓							
VCLDEH17VA										✓				
VCLR2037S													✓	
VCLHG2037A													✓	
VCLM3358										✓	✓	✓		
VCLDH1758											✓			
WIDE CONVERSION LENSES														
VCLDH0730		✓	✓		✓	✓	✓							
VCLDEH07VA										✓				
VCLMHG07A													✓	✓
VCLDH0758											✓			
FILTERS														
VF30CPKXS		✓	✓		✓	✓	✓							
VFR30NKX		✓	✓		✓	✓	✓							
VF52CPKS														✓
VF58CPKS										✓	✓	✓		
VFR52K														✓
VF58MS										✓	✓	✓		
VF58SC												✓		
SPORTS HOUSINGS														
SPKSA		✓	✓											
SPKLA				✓										
SPKTHA								✓						
MPKWA					✓	✓								
HVLML20M					✓	✓								
VCTMP1K					✓	✓								
VFMP5K					✓	✓								
FLASHES														
HVLF32X										✓		✓		✓
HVLRLA										✓	✓	✓		
HVLF1000										✓		✓		✓
HVLFSL1B	✓	✓	✓		✓	✓	✓			✓	✓			
HVLIRM										✓		✓		
TRIPODS AND SHOE ADAPTORS														
VCTTK1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
VCTMTK	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
VCTR640	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
VCT1500L	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
VCTD580RM										✓		✓		✓
VCTD870RM										✓		✓		✓
RMDR1										✓		✓		✓
OTHERS														
CSSSA		✓	✓											
CSSPHB							✓							
ACCCN3TR	✓	✓	✓		✓	✓					✓			
ACCCFT				✓					✓					
ACCCFR							✓			✓				
VMC15MU									✓					
VMC14UMB2	✓			✓	✓	✓	✓	✓		✓	✓	✓		
MSACM2	✓	✓	✓		✓	✓	✓		✓	✓		✓	✓	
PCKL25			✓		✓	✓		✓		✓	✓			

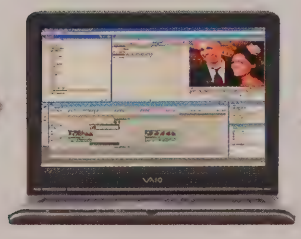

Computer

92 VAIO Notebooks
98 IT Components
99 Micro Vault
100 Photo Vault
102 Sony Ericsson



Digital Lifestyle

VAIO keeps you connected with the latest digital advances. All VAIO models provide generous connections and software applications to support your peripherals and portable devices. You can quickly and easily connect any USB, i.LINK or Memory Stick device directly to your VAIO. Import or export music, photos or even video with ease, and use the pre-installed software to organise, edit and save. By attaching your Handycam with the built in i.LINK connection and user friendly software applications, unique to Sony VAIO, you can simply transfer your video footage direct to DVD with one click, or create a professional full-scaled production by using award-winning software provided on each and every VAIO. VAIO caters from beginner level through to advanced.



Powerful Software for Creative Minds

Almost anything you can imagine you can create and communicate on VAIO. Powerful software capabilities make professional level images editing and music production simple and fun for everyone.

CONTENT BROWSER

Sony VAIO Zone lets you seamlessly enjoy CDs, DVDs, music, photos, videos and other AV files through a single interface. And Sony VAIO Media software enables AV files on your VAIO to be accessed and played by other VAIO Media-installed notebooks and PCs on your home network.

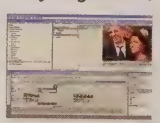
Sony VAIO Zone

Sony VAIO Media

MOVIES

With Sony DVgate Plus, you can import videos from a Handycam*, trim and edit them, or export them to a Handycam*. You can also add transitions using Adobe® Premiere® Standard with VAIO Edit Components, which includes effects like sparkles. Multiple channel (4ch DV-AVI capture, 4ch/5.1ch DV-AVI output, etc.) surround sound is supported.

Sony DVgate Plus


Adobe® Premiere® Standard

PHOTOS

Import images from your digital camera via USB cable or Memory Stick, then edit the files with Adobe® Photoshop® Elements. Use Sony PictureGear Studio to place them in chronological order with Calendar View, create a slideshow, or create a photo album and print it or attach it to email.

Adobe® Photoshop® Elements

Sony PictureGear Studio

MUSIC

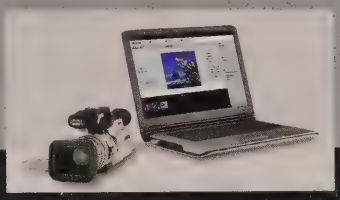
Import music from the Net or CDs with Sony SonicStage. Then transfer it to MiniDisk (MD)** for playback on a Net MD Walkman* or burn your own original CDs. Sony SonicStage Mastering Studio lets you import analogue music (Roland EDIROL AUDIO capture UA-5* USB audio interface device required) and edit it with high-quality effector modules before recording on a CD. Sony SonicStage Mastering Studio Audio Filter can enhance any sound played on VAIO and provides excellent headphone presets.

Sony SonicStage

Sony SonicStage Mastering Studio

Sony SonicStage Mastering Studio Audio Filter

The latest VAIO



VGNA49GP

A Series VAIO Notebook

You will love DVD movies and appreciate digital sound at its finest through unrivalled notebook PC technology with the stunning A Series VAIO. Experience AV excitement as never before. The A Series includes a fully digital amplifier in the supplied Audio Port Replicator, a pair of supplied external speakers with exclusive audio preset, and a 17" wide Clear Bright LCD screen with WUXGA resolution. Dazzling sound and picture quality at your command with AV-style ease, thanks to VAIO Zone in a remote controller. Imagine a personal home theatre and concert hall that fits on a coffee table, and enhances your home décor with its striking combination of mobile PC, docking unit, and speakers in a handsome harmonized design. Discover audio-visual excitement anew!

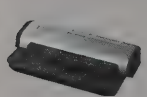
Specifications

Processor:	Intel® Centrino™ Mobile Technology Intel® Pentium® M Processor 770 (2.13GHz)
OS:	Microsoft Windows XP Professional
Hard Drive:	100GB Hard Disk Drive (serial ATA, 5400rpm)
Display:	17" Wide (WUXGA 1920 x 1200) TFT colour display (Clear Bright LCD: Dual Lamp)
Optical Drive:	DVD+-RW Drive (supports DVD+R Double Layer disc)
Chipset:	Intel 915PM Express Chipset
Wireless LAN:	Integrated Wireless LAN 802.11b/g
Main Memory	1GB DDR2 SDRAM memory (max. 2GB)
System / Memory Bus:	533MHz / 400MHz
Graphics Accelerator:	ATI Technologies Inc. MOBILITY RADEON X600 (PCI Express x16 connection)

Supplied with Audio Port Replicator, External Speakers, Remote Commander, Memory Card Adaptor, AC Adapter & Battery.
* Handycam (as shown) not supplied.

SUPPLIED ACCESSORIES

External Speakers



Audio Port Replicator

Remote Commander

PCGABP2EA
Lithium-ion Battery

PCGAAC19V7
AC Adapter

	VGNS38GP
Processor	Intel® Centrino™ Mobile Technology, Intel® Pentium® M Processor 740 (1.73GHz)
OS	Microsoft® Windows® XP Professional
Memory	512MB DDR2 SDRAM
Hard Disk	60GB, Serial ATA, 5400rpm
Optical Drive	DVD+-RW Drive
Display	13.3" WXGA (1280 x 800) Clear Bright LCD
Wireless	802.11b/g Wireless & Bluetooth
Battery	Up to 3.5 hours of use
Weight	Approx. 1.95Kg (including supplied battery)

* Full Specifications on page 14

S Series VAIO Notebook

Looking for an ideal portable notebook PC? Stylish VAIO S Series provides high performance within a lightweight body to meet your needs with the Intel® Centrino™ Mobile Technology. An advanced graphics chip, wireless and DVD creation capabilities, as well as full-sized keyboard will also stimulate performance. Plus the unique 13.3" wide screen offers ample space for several application windows. Compact yet powerful, the VAIO S Series has the advanced architecture and right size for a variety of uses from business to home entertainment.

T Series VAIO Notebook

Dream stamina in ultra portable PC! The T Series has been created to enhance your work on the go and enliven your leisure time. Equipped with first class battery life of up to 8.5 hours for unrivalled mobile professional power, the T Series is slim, lightweight, and designed for active use. Packed in this tiny 1.38kg notebook is a DVD+-RW drive, Clear Bright LCD, built in wireless LAN and Bluetooth®, and a suite of AV entertainment options with the included VAIO software applications. Now available in two colour options: silver and blue – to suit your own individual style. (Blue only available from selected outlets)

VGNT37GPS/L
Intel® Centrino™ Mobile Technology,
Intel® Pentium M Processor Ultra Low Voltage 753 (1.20GHz)
Microsoft® Windows® XP Professional
1GB DDR2 SDRAM
60GB
DVD+-RW Drive (Supports DVD+R Double Layer Disc)
10.6" WXGA (1280 x 768) Clear Bright LCD
802.11b/g Wireless & Bluetooth
Approx 8.5 hours of use
Approx. 1.38kg (including supplied battery)

* Full Specifications on page 146

PCGAUVC11A
VAIO USB Web Camera
(max res 640 x 480)

PCGAWMS5S
Wireless VAIO Mouse

www.sony.co.nz/vaio

FS Series VAIO Notebook

VGNFS18GP

New freedom awaits you in the stylish and slender wide-screen VAIO FS18GP. You can easily edit and record your own DVD masterpieces and bring them to life on the wide 15.4" screen, which features Clear Bright technology for stunning image quality. Advanced Intel® Centrino™ Mobile Technology ensures smooth, swift performance. Rigid magnesium body panels that supports the slim body conveys a pleasing sense of refinement. The graceful new VAIO FS18GP frees you to explore new possibilities.

FS Series VAIO Notebook

From slender, stylish body to wide 15.4" WXGA Clear Bright LCD, the new VAIO FS15GP delivers visual satisfaction. Its wide screen dimensions and Clear Bright technology bring DVD movies and digital photos to life. Stylish and stunning, the user-friendly VAIO FS15GP makes the ownership experience a joy.

VGNFS15GP

	VGNFS18GP	VGNFS15GP
Processor	Intel® Centrino™ Mobile Technology, Intel® Pentium® M Processor 740 (1.73GHz), Supports Enhanced Intel SpeedStep® Technology	Intel® Centrino™ Mobile Technology, Intel® Pentium® M Processor 730 (1.60GHz), Supports Enhanced Intel® SpeedStep® Technology
OS	Microsoft® Windows® XP Professional	Microsoft® Windows® XP Professional
Memory	512MB DDR SDRAM	512MB DDR SDRAM
Hard Disk	80GB	40GB
Optical Drive	DVD+-RW Drive (Supports DVD+R Double layer disc)	CDRW/DVD-ROM Drive
Display	15.4" WXGA (1280 x 800) Clear Bright LCD	15.4" WXGA (1280 x 800) Clear Bright LCD
Wireless	Wireless LAN IEEE 802.11b/g	Wireless LAN IEEE 802.11b/g
Battery	Up to 2 hours of use	Up to 2 hours of use
Weight	Approx. 2.9Kg (including supplied battery)	Approx. 2.9Kg (including supplied battery)

* Full Specifications on page 145

B Series VAIO Notebook

VGNB99GP

The B99GP unites mobility and power, beautifully. Graced by distinctive lines, a high-contrast colour scheme and premium VAIO logo, the stunning B99GP leaves a lasting impression. This extraordinary style is complemented by a 14.1" high-resolution LCD, full-size keyboard and leading mobile features that include lightweight construction, wireless LAN (b/g) capability and Intel® Centrino™ Mobile Technology. Sony rounds off the package with Click to DVD one-click DVD creation and the VAIO Zone entertainment content browser. VAIO B99GP – a genuine unity of high performance and AV excellence in a beautiful magnesium body.
(Only available from selected outlets)

B Series VAIO Notebook

VGNB66GP

The streamlined VAIO B66GP merges mobility and comfort in a sophisticated two-tone body. Its 14.1" screen and full-size keyboard deliver uncompromising image enjoyment and operational ease. Lightweight, with Intel® Centrino™ Mobile Technology and wireless LAN (b/g) capability, it's ideal for mobile users on the go. And VAIO Zone brings fresh ease and flexibility to the AV entertainment experience. Whether for business or pleasure, the VAIO B66GP enhances your mobile lifestyle and makes up look good wherever you go.

	VGNB99GP	VGNB66GP
Processor	Intel® Centrino™ Mobile Technology, Intel® Pentium® M Processor 725 (1.60GHz), Supports Enhanced Intel® SpeedStep® Technology	Intel® Centrino™ Mobile Technology, Intel® Pentium® M Processor 725 (1.60 GHz), Supports Enhanced Intel SpeedStep® Technology
OS	Microsoft® Windows® XP Professional	Microsoft® Windows® XP Professional
Memory	512MB DDR SDRAM	256MB DDR SDRAM
Hard Disk	40GB	40GB
Optical Drive	DVD+-RW Drive (Supports DVD+R Double layer disc)	CD-RW/DVD-ROM Drive
Display	14.1" SXGA+ (1400 x 1050) TFT colour display	14.1" XGA (1024 x 768) TFT colour display
Wireless	Wireless LAN IEEE 802.11b/g	Wireless LAN IEEE 802.11b/g
Battery	Up to 4 hours of use	Up to 4.5 hours of use
Weight	Approx. 2.32Kg (including supplied battery)	Approx. 2.3Kg (including supplied battery)

www.sony.co.nz/vaio

* Full Specifications on page 144-145

DRU720A
Internal Double-Layer DVDRW Drive

Internal IDE DL DVD+RW/-RW writer, 4x+R DL Recording,16x DVD+R, 16x DVD-R recording, 8x DVD+RW, 6 x DVD-RW rewriting, 48x CD Recording, 24x CD Rewriting, 40 x CD playback, 16 x DVD playback.

DRX710UL
External Double-Layer DVDRW Drive

External i.LINK/USB2 DL DVD+RW/-RW writer, 2.4x+R DL Recording,16x DVD+R, 8x DVD-R recording, 4x DVD-RW/+RW rewriting, 48x CD Recording, 24x CD Rewriting, 40x CD playback, 16x DVD playback.

CRX230A
Internal CDRW Drive

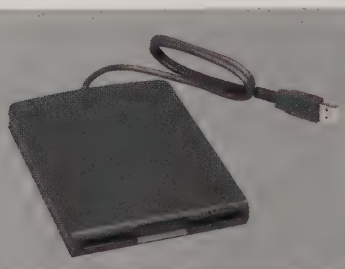
Internal IDE CDRW with 52x CD recording, 32x CD rewriting, 52x CD play back.

CRX320A
Internal CDRW/ DVD ROM Drive

Internal IDE CDRW and DVD ROM with 52x CD recording, 32x CD rewriting, 52x CD play back, 16x DVD play back.

OTHER PRODUCTS

MPF82E
USB FD DRIVE
USB Floppy Disk drive.



	DRU720A	DRX710UL	CRX230A	CRX320A
DVD Writer	✔	✔	x	x
CD Writer	✔	✔	✔	✔
DVD ROM	✔	✔	x	✔
Format	DVD	DVD	CD	CD
Power Burn	✔	✔	✔	✔
Buffer	2 MB	2 MB	2 MB	2 MB
Capacity	8.5 GB	8.5 GB	700MB	700MB
Connections	IDE	iLINK/USB2	IDE	IDE
Software	Nero6	Nero6	B's Recorder	Nero6
Warranty	1 Year	1 Year	1 Year	1 Year

The latest / Microvault

MINI MICRO VAULT

USM128D
128MB USB 2.0 USB Storage

USM256D
256MB USB 2.0 USB Storage

USM512D
512MB USB 2.0 USB Storage

8 grams	17x11x55mm (incl cap)

MIDI MICRO VAULT

USM128E
128MB USB 2.0 USB Storage

USM256E
256MB USB 2.0 USB Storage

USM512E
512MB USB 2.0 USB Storage

USM1GE
1GB USB 2.0 USB Storage

13 grams	20x11x78mm (incl cap)

A Simple Solution

Introducing an exciting new way to deal with your growing storage requirements - the Sony Micro Vault. It's the perfect medium for carrying Microsoft Powerpoint® presentations from the office to the client. It's the ideal storage for large PDF, MPEG files and large databases. And it's a powerful tool for maintaing the security of your personal files.

USB Plug 'n' Play

The best solutions are often the simplest. That's why Sony designed the Micro Vault to simply plug into the USB port of your computer. There are no cables or adaptors required. Driver installation is not necessary. There's no power cord. Compatible with USB 2.0, you can enjoy even faster access to your files, while still being backward compatible with existing USB 1.1 technology. Micro Vault storage media may be the simplest, most straightforward way to store, share and transport your data.

Format free storage

Sony, the inventor of the 3.5 inch floppy disk and co-inventor of CD technology, is the world's foremost expert in storage formats. But Micro Vault is not a format. It's a computer accessory that plugs directly into the USB port on your computer.

USM128MS

Micro Vault with Memory Stick Reader/Writer
- 128MB, USB 2.0, Memory Stick PRO Compatible

USM256C

Microvault with Fingerprint Access
- 256MB, USB 2.0, Finger print software for windows only

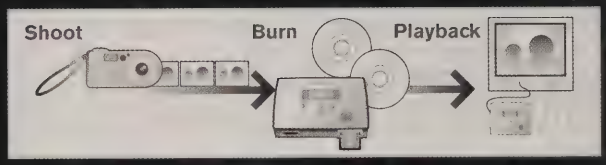
MICROVAULT PRO

USD5G
5GB USB 2.0 Storage

www.sony.co.nz

All models compatible with Windows 98 SE (needs drivers), ME, 2000, XP and Mac OS 9.0 and higher

Photovault



MCS1

Portable mini CD-R Station

Ⓐ **Battery Pack.** With its portable battery pack, you can now backup your photos anywhere.

Ⓑ **USB port.** Allows easy connection of the Digital Still Camera and Sony Micro Vault via USB port.

Ⓒ **8cm CD-R.** A popular media that is useful for sharing and archiving of digital data.

Ⓓ **Memory Stick Slot.** Supports Memory Stick, Memory Stick Duo*, Memory Stick PRO and Memory Stick PRO Duo*.

Recording

Supported Disc Format:	8cm CD-R[1] (200MB)
Capacity:	156 – 210MB
Write Speed[2]:	Maximum 4x

Playback

Playable file:	Baseline JPEG (EXIF) only from 8cm CD-R, Memory Stick™ or Sony Micro Vault USB Storage Media
Output:	Composite (NTSC / PAL switchable)
Read Speed:	Maximum 4x

Interface

Memory Stick Slot:	Memory Stick[3], Memory Stick Duo[3,4], Memory Stick PRO[3] and Memory Stick PRO Duo[3,4]
USB Port[5]:	For most Digital Still Camera (Mass storage class or PTP), Sony Micro Vault USB Storage Media[6]

Power Supply

- AC adaptor 5V 2A (included)
- Compatible battery[7] for use with the battery pack is Alkaline AA type (x4)

Dimensions and weight (approximate)

Photo Vault:	112mm x 91mm x 24 mm/190g
Photo Vault & battery pack:	112mm x 128 mm x 24 mm/218g (without batteries)

Supplied

Battery pack[8], Video out cable, AC adaptor, Power cord, 8cm CD-R (1pc), Operating instructions

1. Not compatible with CD-RW. **2.** Approximately 6 minutes to copy 128MB from Sony Memory Stick Data. All files and dectory are copied to 8cm CD-R. **3.** Does not support parallel high-speed data transfer. **4.** With Memory Stick Duo adaptor. **5.** For more information on compatibility, go to www.sony.net/photovault/ **6.** Not compatible with PC and other USB Devices. **7.** Also compatible with Sony Rechargable Battery. **8.** Batteries not included.

MATCHING ACCESSORIES

5CDQ22N
5 pack of 22min/200MB slim line CDR

10CDQ22L1
10 pack of 22min/200MB slim line CDR

Picture Size	Number of pictures Still stored on 8cm CD-R[N.B.1,2]	Downloading time via Digital Still Camera & Sony Memory Stick
5.0 Mega pixels: 2592x1944	75 pictures	9min
3.1 Mega pixels: 2048 x 1536	120 pictures	9min
1.2 Mega pixels: 1280 x 960	300 pictures	9min
VGA: 640 x 480	1180 pictures	9min

N.B.1: Pictures are taken in fine mode using Sony DSC-P10. N.B.2: All figures shown represent the maximum number of images recordable in one session. The total number of images stored will be reduced if images are stored incrementally during multiple sessions.

MySony

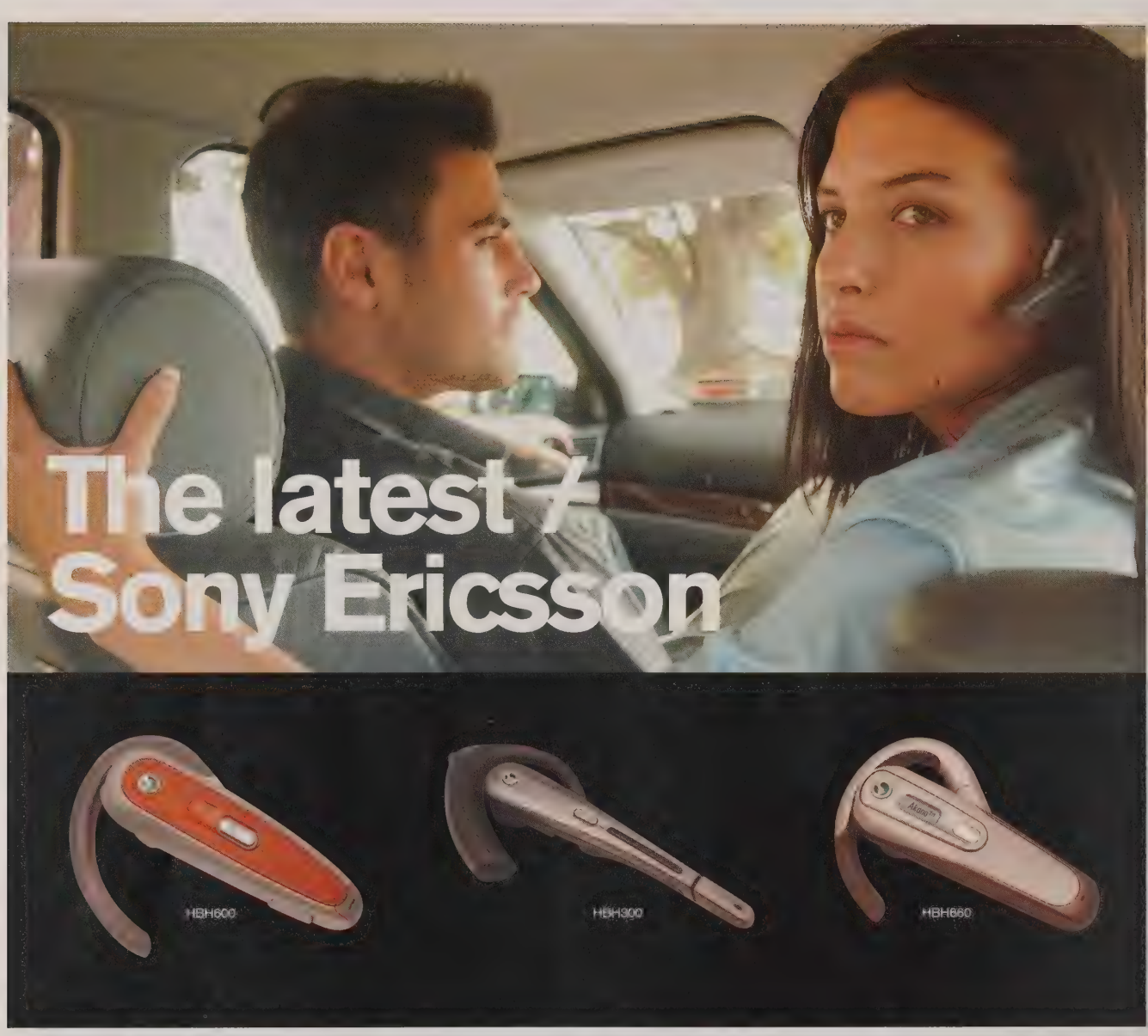
Maximise your Sony experience

It's all about you - Your Sony products. Your Sony experience

- Online weekly auctions
- Exclusive competitions
- Earn and redeem points for rewards and specials
- Free storage to upload and share your digital images with ImageStore
- Shop online with Sony's complete range of consumer products
- Easy find accessories for the products you own
- Participate in forums
- Ask an expert - weekly live sessions
- Complimentary instruction manual download for your products

www.mysony.co.nz

Register your products now and enjoy the benefits



The Sony Ericsson Experience

Making a voice call is now only a small part of the Sony Ericsson experience as we strive to remain leaders in Imaging, Connectivity and Entertainment. Sony and Ericssons' partnership gives us access to leading technology and exquisite design, as well as a wealth of applications and content from Sony Pictures (Columbia Tristar®), Sony BMG, and Sony Playstation®. When you buy a Sony Ericsson mobile you get a lot more than a phone.

Imaging
We're incorporating Quickshare® cameras with higher pixel capability, larger screens with more pixels, and greater memory so you can easily capture, view, download or share better quality pictures or movie clips.

Connectivity
You can use Infrared, Bluetooth® or Memory Stick Duo to transfer your images, video, music, schedule or other data between phones or your VAIO. You'll find thousands of devices with which to share information when you have this many connectivity options.

Entertainment
Your Sony Ericsson phone will come with a great range of ringtones, wallpapers, screensavers and games embedded in it. You can then add to, or replace these from a huge range downloadable from web or WAP sites. Add some music or video clips if your model supports MPEG or MP3.

www.sonyericsson.com

J200i

A tiny and stylish tri-band phone for voice, creative text (EMS) and games.

T290i

E-mail, schedule, colour screen, great games (more downloadable), and polyphonic rings make this a versatile phone for business or personal use.

F500i

All the A/V options including still and video camera, MP3 player plus great games on a very clear screen. The F500 delivers fun as well as function.

K700i

Similar to F500 with a larger screen and more memory, plus bluetooth for the business user.

S700i

The S700i is quite the entertainment unit, featuring a 1.3 megapixel digital camera, video recorder and massive 262k TFT screen. The phone comes with an MP3 player and FM radio.

P910i

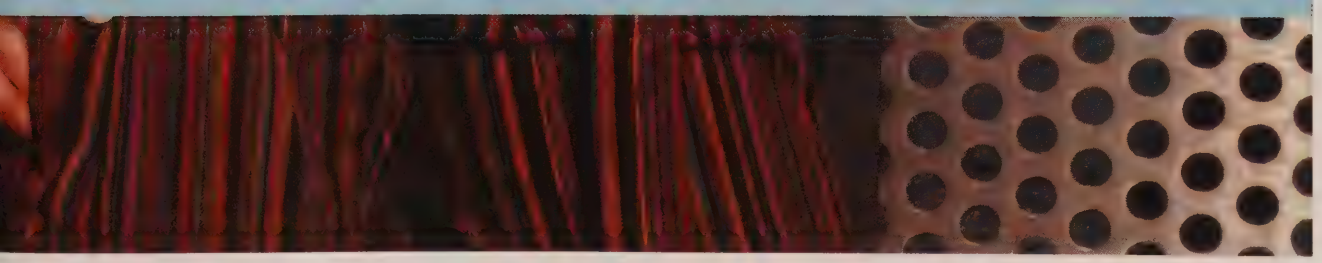
Full phone features plus powerful PDA functionaility. The P910 has several input options from QWERTY Keyboard to touch screen with handwriting recognition. P910 makes handheld mobile email a reality.

	J200i	T290i	F500i	K700i	S700i	P910i
Screen	128x128 Pixels, 4k Cols	101x80 Pixels, 4k Cols	128x160 Pixels, 65.5k Cols	176x220 Pixels, 65k Cols	240x320 Pixels, 262k Cols	208x320 Pixels, 262k Cols
Ringtype	Polyphonic	Polyphonic	Polyphonic + MP3	Polyphonic + MP3	Polyphonic + MP3	Polyphonic + MP3
Camera	x	x	Video+Still with 4x Zoom	Video+Still with 4x Zoom	Video+Still with 8x Zoom	Video+ Stillwith 4x Zoom
Games	✔	✔	3D Java Games	3D Java Games	3D Java Games	✔
E-Mail	x	✔	✔	✔	✔	✔
PDA Funct	Contacts	Contacts + Schedule	Outlook Synch.	Outlook Synch.	Outlook Synch.	Outlook/Notes Synch.
Connectivity	IR	USB	USB/IR	USB, IR, Bluetooth	USB, IR, B'tooth, MSD	USB, IR, B tooth, MSD
Memory	200 contacts + SIM card	250 contacts + SIM card	12MB	41MB	32MB+32MB MSD	64MB+32MB MSD
A/V Players	x	x	Video + MP3	Video+MP3+FM Radio	Video+MP3+FM Radio	Video + MP3
Kit Extras	x	x	x	Stereo Headset	Stereo Headset	Stereo Hdset, Synch Stand

Funct = Functions, MSD = Memory Stick Duo

Audio on the Move

106 Personal Audio
Walkman
119 Car Audio



Walkman / Sony creates a movement for music

Wherever and whenever, Walkman for music on demand

The pioneering TPS-L2 Walkman captured people's imagination when it went on sale on July 1st , 1979. It encapsulated the concept of "making music accessible, wherever and whenever".

The Walkman concept is still alive today, although the technology has evolved from cassette tape to CD, MD and Network Technologies. As ever, Walkman enhances the pleasure of listening to music everywhere and has continued to create models with innovative functions and a unique style.

TPS-L2

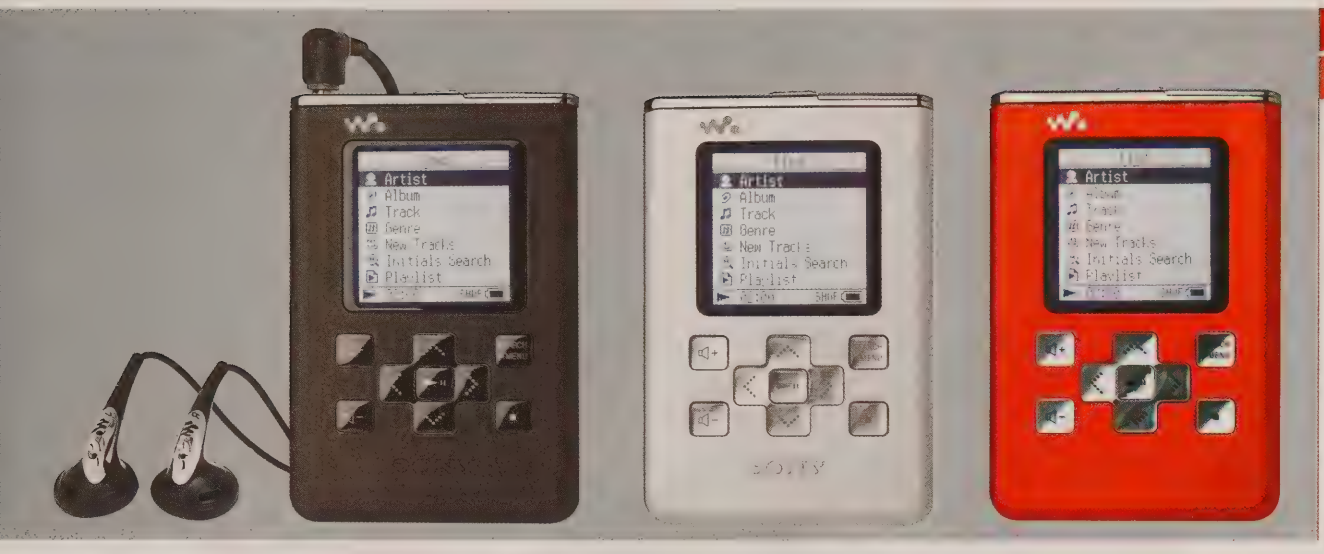
THE NEW WALKMAN: NWHD5

Walkman is synonymous with slim, small and light portable audio players; designed to be beautiful yet highly functional and durable. Credit card sized footprint, aluminium alloy body and weighing just 135 grams, the NWHD5 despite being extremely small, holds up to 13,000 songs (or 900 CDs), provides up to 40 hours battery life and is built to resist impact.

MP3 Atrac3plus

Direct MP3 and ATRAC3plus Playback

It's now as easy to put MP3 files onto your Walkman as it is ATRAC3plus files. And with enhanced SonicStage software, included with your NWHD5, you can transfer your MP3s at a dramatically increased speed without having to convert them into ATRAC3plus.



Up to 13,000 songs on a 20GB built-in hard drive

When you record your CD collection to your computer or download songs from an internet site you can compress your music into smaller sized data using Sony's ATRAC3plus technology. ATRAC3plus lets you reduce the size of the music files allowing you to store more tracks than with MP3, while maintaining excellent sound quality and lets you fit up to 13,000[2] songs or 900CD's worth of music.

New "Follow Turn" Technology

The NWHD5 now features advanced "follow turn" technology whereby the display is synchronised to what way up the unit is when it is turned on - flipping from horizontal to vertical.

The NWHD5 also has an exceptionally large and easy-to-navigate 7-line LED screen. From its bright backlight display through to its elegant font and its adjustable screen colour, the NWHD5 provides a superior user experience.

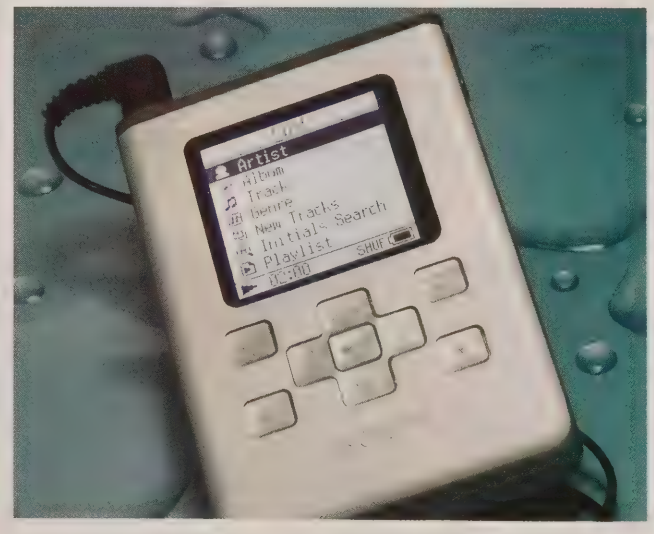
Up to 40 hours of stamina playback plus quick battery recharge

It's a hassle when you have a huge collection of music in your hand but your batteries aren't up to the job. Sony engineered special circuitry so that the in-built rechargeable lithium-ion battery in the NWHD5 provides up to 40[1] hours continuous playback.

SonicStage

Easy management via SonicStage

SonicStage brings out the full capabilities of your NWHD5 Walkman. It transforms your computer into a jukebox where you can collect, store, and organise music from A to Z, and lets you quickly compile and take out music that you want on your Walkman. With thousands of songs on the NWHD5, you may wonder how to find the ones you want. The Mode button and Search key makes it easy to use just one hand to quickly access songs by artist, album, genre, or your own grouping.



KEY:
In ATRAC3plus 48kbps mode
Calculated on the basis of 4 minutes per song and using ATRAC3plus 48kbps

The latest Hard Drive Walkman

WALKMAN

NWHD5

Hard Disk Drive Walkman

MP3 Atrac3plus SonicStage G-PROTECTION SKIP FREE

Up to 40 hours of stamina playback plus quick battery recharge It's a hassle when you have a huge collection of music in your hand but your batteries aren't up to the job. Sony engineered special circuitry so that the in-built rechargeable lithium-ion battery in the NWHD5 provides up to 40 hours continuous playback.

Sony's unique G-sensor technology protects the internal HDD even if it falls from a height of 1 metre

Skip free G-Protection Technology continues to provide quick recovery from both horizontal and vertical shock so that your music does not skip

1.5" 7-line Backlit LCD Display with adjustable screen colour

Direct Battery Charge via USB with Supplied Adaptor: The unit comes supplied with an AC adaptor and USB cable, both allowing you to charge the unit. With the supplied AC adaptor, quick charge feature allows the battery to be charged to 80% in one hour.

Capable of storing audio, visual and data files

Supplied with SonicStage 3.1 software for easy music management and transfers

Dimensions - WxHxD (mm) 89.3x55.9x14.5, Weight (g) 135 (including battery)

For more specifications please refer to page 141.

MATCHING ACCESSORIES

MDRQ66LWW/B
Clip style headphones with retractable cords.

	NWHD5
Hard Drive Capacity	20GB
Battery Life	Up to 40 Hours
ATRAC3plus and Direct MP3 Playback	✓
Follow Turn Capacitiy	✓
Audio, visual and data file capability	✓
LCD Display	1.5" 7-line Backlit
G-sensor technology	✓
G-Protection Technology	✓
Weight	13.5 g

HI-MD WALKMAN

MZRH910S
Hi-MD Walkman

Hi-MD WALKMAN

Stylish Hi-MD Walkman with remote control, rechargeable battery, and microphone input. Now also features ATRAC3plus and MP3 direct playback.

CD WALKMAN

DNE300S
ATRAC3plus/MP3 CD Walkman

WALKMAN G-PROTECTION Atrac3plus

Basic ATRAC3plus/MP3 CD Walkman with 2 line LCD display.

	DNE300S
ATRAC3plus/MP3 playback	✓
Remote Control	x
Maximum Battery Life hours	41
Sonic Stage 2.0 Software	✓
Burn up to 490 Song on 1 CD	✓
Parametric Equaliser	✓
G Protection	✓
AC Adaptor/ Fontopia Headphones	✓ / ✓

MORE TO COME...

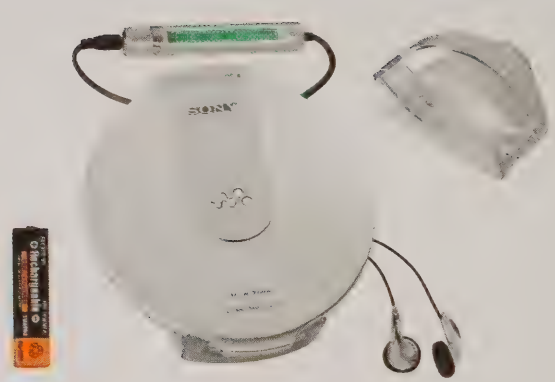
Keep an eye out for Sony's all new 2005 range of CD Walkman at www.sony.co.nz/walkman. Due to launch in July/August 2005.

www.sony.co.nz/walkman

DNE800L
ATRAC3plus/MP3 CD Walkman

Atrac3plus G-PROTECTION WALKMAN

Stylish, high gloss design with 4 line LCD display, charging cradle, rechargeable batteries, LCD remote and up to 130 hours playback.



DNE10S
ATRAC3plus/MP3 CD Walkman

WALKMAN G-PROTECTION Atrac3plus

Slim, full metal body with rechargeable battery, backlit LCD remote and charging stand.

DNS505
Sports Style CD Walkman

WALKMAN S-Sports G-PROTECTION Atrac3plus

New grip style sports CD Walkman. Splash resistant with rubber bushings, ATRAC3plus/MP3 compatible and a heat resistant lid.

MATCHING ACCESSORIES

MDRJ20W
S² Sports Style Headphones.

	DNE800L	DNE10S	DNS505
ATRAC3plus/MP3 PB	✓/✓/✓	✓/✓/✓	✓/✓/✓
Remote Control	✓ (LCD)	✓ (LCD)	x
Maximum Battery Life hrs/Type	Up to 130/ NiMH (rchg)	Up to 85/ NiMH (rchg)	Up to 85
Sonic Stage 2.0 Software	✓	✓	✓
Parametric Equaliser	✓	✓	✓
Auto Ranking Playmode	✓	✓	✓
G Protection	✓	✓	✓
AC Adaptor/ Fontopia Headphones	✓/✓	✓/✓	✓/S2 Style

RADIO

ICFS10

Basic AM/FM Portable Radio. Tuning Indicator and Telescopic Antenna.

SRF59

WALKMAN

Basic Portable AM/FM Radio. Belt Clip. Single Battery Operation.

SRFS84S/L

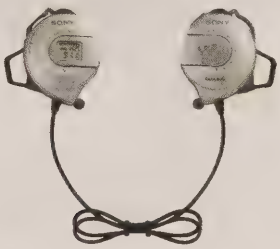
WALKMAN

Ultra Slim and Compact Radio Walkman. Mega Bass. Single 'AAA' Battery Operation. Belt Clip. Available in Blue (SRFS84L) and Silver (SRFS84S).

SRFM97

WALKMAN

Slimline Digital Tuning Radio. Mega Bass. 20 Memory Presets. Hold switch, Auto on/off. AM/FM Sensitivity Switch.



SRFMQ11

WALKMAN

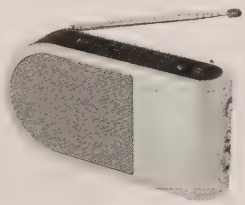
Stylish Ear-Clip Headphones with FM Radio. FM Digital Tuner (15 station preset) In-built. Rechargeable Battery Operation. Jog Lever Operation. 30mm Driver Unit and AC Adaptor supplied.

SRFM85

Sports Style Arm Band Radio with Digital Tuner. Stop Watch with Split Timer. Splash Resistant. Digital Mega Bass. 18 preset stations. 6 Direct Access Buttons.

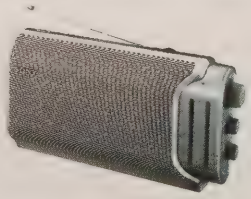
SRFH4

Sports Style Headphone Radio. AM/FM Analogue Tuning. Mega Bass. Single Battery (AAA) operation.



ICF404S

Slim, Stylish Portable Mantel Radio. FM/MW/SW 3 band radio, battery operation with tone control and tuning indicator.



ICF704S

Portable Mantel Radio. AM/FM/SW 3 Band Radio. AC/DC (and battery) operation. Earphone Jack. Tone Control.

MULTI BAND RADIO

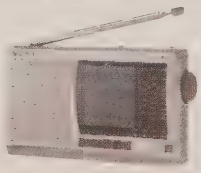
ICFSW100E

Ultra Compact Multi Band Radio

Ultra-compact multi-band radio with 50 preset stations, single side band reception (USB/LSB). An excellent short wave band reception helps the international traveller stay in touch. Navigate the airwaves in ease with the Auto Scan feature that locks onto stations easily and displays the station name for quick identification.

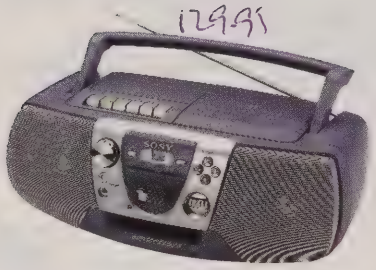
ICFSW11

Multi Band Radio



Multi Band Radio, FM Stereo/SW/MW/LW 12-Band Receiver, PLL Synthesiser Tuner, Band Spread System, Single Conversion.

CD RADIO CASSETTE



CFDV8

Simple and Compact CD Radio Cassette Player. 70W PMPO. Mega Bass and Tone Control. Headphone Out.

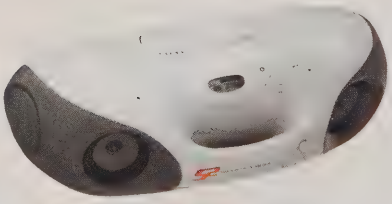
CFDS350S

Digital Tuner with Wide Convex Speakers and Remote. AM/FM Digital Tuner. 10 Button Direct Access. 90W PMPO. Mega Bass.

CFDG500

Unique Design with Powerful Sound. 12cm G Power Drive Woofer. Digital Tuner. 4 Sound Modes. 200W PMPO. Remote Control.

CD RADIO



ZSX10W

Splash proof CD Radio. 90W PMPO. 4 Preset Sound Modes. ESP2 Shock Protection. Megabass. Jog Lever. 4 Line LCD Display with Backlight.

ZSYN7

Atrac3plus

ATRAC3plus/MP3 CD Radio. Sonic Stage Version 2.0 Software Supplied. 2 Line Backlit LCD. Mega Bass. Remote Control.

RADIO CASSETTE

CFM10B/W

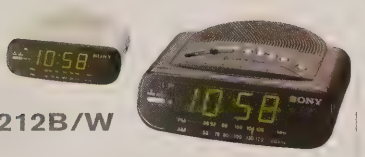
Portable and lightweight Radio Cassette Recorder. Easy operation, with a built in microphone and full auto shut off.

CASSETTE WALKMAN

WMFX199S

AM/FM Tuner Walkman.

CLOCK RADIOS



ICFC212B/W

AM/FM Clock Radio with Large Green LED Display.

ICFC317

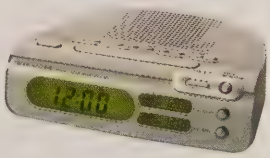
Lifestyle Design Clock Radio.

ICFC492

Clock Radio with Extra Large Display.

ICFC153

Digital Cube Clock Radio.



ICFC273

Easy to Use Clock Radio with Triple Display and Jog Lever.

ICFCD837

Space saving bedside CD Clock Radio, CD-R/RW playback.

SPEAKERS

SRSA5S

Compact Travel Speakers. Magnetically Shielded. Total Output 1W. "AA" batteries (x2).

SRSA27

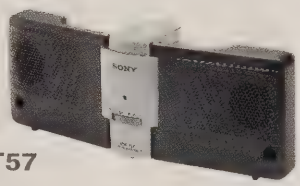
Speakers with Volume Control. Total Output 2W. AC/DC Operation or "AA" batteries (x4).

SRSA202

Desktop Speakers suitable for both Personal Audio and PC. Total Output 4W. Mega Bass.

SRST33L/S

Slim Line Travel Speakers. Mega Bass. 'AAA" Batteries (x2) with Passive Operation possible.



SRST57

Compact Foldable Travel Speakers. Total Output 2W. Mega Bass. AC/DC Operation or "AA" batteries (4x).

FONTOPIA HEADPHONE

MDRE828LP

Earphones with Twin Turbo Ducts.

MDRE931LP

Metallic Silver Earbuds with Neodymium Magnets.

MDREX51LPW

Closed type Fontopia headphones with with a 1.2 metre cord with L shape plug for direct connection to portable device.

MDREX71SL/W

Closed Type Fontopia headphones that deliver deep bass sound. Supplied with straight 0.5m cord and addition 1.0m extension cord for connection to either a female or direct connection to portable device. Available in white (W) and black (B).

MDREX81SLB/W

Stable fit Fontopia headphones with hang on clip and revolving mechanism. Available in white (W) and black (B).

STREET STYLE HEADPHONES

MDRG54LP

Street Style Headphones.

MDRG58V

Street Style Headphones with Volume Control.

MDRG74SL

Foldable Street Style Headphones with Neodymium magnets for powerful bass.

MDRQ66LWW/B

Clip style headphones with retractable cords. Available in white (W) and black (B).

MDRG57G

Water resistant sports design with reflective earpiece.

MDRJ20W

Clip- on style headphones with a secure fit for all types of sporting activities.

HEADPHONES

MDR101

Open-Air Headphones.

MDRW08L

In-Ear Headphones with Headband.

MDRIF140K

Infra-Red Headphones.

HEADPHONES

Experience enhanced natural sound reproduction with our Studio Monitor Series Headphones

MDRXD100

Hi-Fi Headphones. 40mm Diameter Driver Unit. Frequency Response 12Hz-22,000Hz. Soft ear pads for long term listening comfort.

MDRV250

Digital Studio Monitor Headphones with Volume Control. Folding design 30mm Diameter Driver Unit. Reversible Earcups. Frequency Response 16Hz-22,000Hz. 98 dB/MW Sensitivity. 2.0 metre cord.

MDRV300

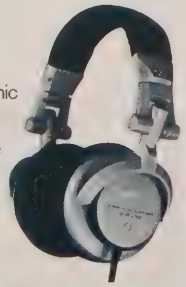
DJ Headphones with Attractive Metallic Silver Finish. Folding Design 30mm Diameter Driver Unit. Gold-Plated Stereo Unimatch Plug. Reversible Earcups. Frequency Response 16Hz-22,000Hz.

MDRV500DJ

DJ Headphones with Swivel Mechanism for Single-Sided Monitoring. Dynamic 40mm Dome Driver Unit. 3m cord, single sided. Frequency Response 10Hz-25,000Hz.

MDRV700DJ

Digital Studio Monitor Headphones with Superb Frequency Response. Dynamic 50mm Dome Driver Unit. Coiled 1-3m cord. Reversible Earcups. Carrying Pouch Supplied. Frequency Response 5Hz-30,000Hz.



NOISE CANCELLING HEADPHONES

For the frequent traveller, Sony's Noise Cancelling Headphones save you from the roar of a jet or a car engine. Unwanted noise adds to travel fatigue as well as robbing you of precious sleep. These headphones have noise cancelling circuitry built-in to counter unwanted noise to let you enjoy your music or sleep in peace.

MDRNC6

Slim swivel folding style for easy storage. Ambient sound is reduced by 70% (10dB) by using noise cancelling circuitry. Includes plug adaptor to connect directly to a stereo or dual jack of in-flight music services.

MDRNC11

Ultra Compact In-The-Ear Design with Volume Control and Carry Case. 9mm driver units produce powerful base sound for your listening enjoyment.

MDRG94NC

Sophisticated Street Style Design with behind-the-neck headband lets you wear the headphones without getting in the way of your hair and hat and the tangle free cord helps reduce knots and tangles.

IC CHIP RECORDERS

ICDB100

Non-PC link recorder with 16MB built-in memory for up to 8 hours recording time.

ICDSX35

Slim and stylish with 64MB built-in flash memory for up to 23 hours recording time and USB connectivity to PC.

ICDMX20

MEMORY STICK

Hybrid IC Recorder with 32MB built-in flash memory and a Memory Stick Pro Duo slot. USB connectivity and PC data storage applications.

MICRO CASSETTE NOTETAKERS

M475

Notetaker with clear voice plus for increased clarity, 30 hours battery life, and built-in microphone.

M570V

Micro cassette notetaker with 3 digit tape counter and voice operated recording (VOR).

M800V

Voice Activated Notetaker with Auto Reverse.

M100MC

Micro Cassette Notetaker with Built-in Stand for Lecture Use.

M200MC

Notetaker with Built-in Zoom, Three Record Modes and Cue Marker Function.

STANDARD CASSETTE NOTETAKERS

TCM150

One Touch Recording.

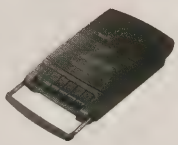
TCM200DV

Standard Cassette Notetaker with Double Time Record Function.

TCM400DV

Voice Activated Notetaker with Built-in Flat Microphone.

TCM939



Functional Desk Top Design.

	ICDB100	ICDSX35	ICDMX20
Built-in Memory	16MB	64MB	32MB
Memory Stick Pro Duo Operation	x	x	✓
Maximum Recording Time (hrs)	8hrs	23hrs 40mins	11hrs 45mins
PC Connectivity via USB	x	✓	✓
Built-in Speaker and Microphone	✓	✓	✓
Compatible with Voice to text software*	x	✓	✓
PC Application 'Voice Editor Software' supplied	x	✓	✓
Mic In Jack	✓	✓	✓
Dimensions (w/h/d mm)	30x103.5x16mm	28x120x13.8mm	36.6x107.5x16.9mm
Weight g (including batteries)	60g	64g	96g

3rd party optional accessory

MICROPHONES

FV120

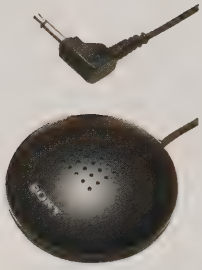
Vocal Microphone.

FV220

Vocal Microphone with Neodymium Magnet and Talk Switch.

FV420

Vocal Microphone with Gold plated unimatch plug and cannon connector.



ECMF8

Omni-Directional Desktop Microphone ideal for meetings.

ECMC115

"Hands Free" Lapel Microphone ideal for speeches and interviews.

ECMDS70P

Uni-Directional Plug in Stereo Microphone.

ECM719

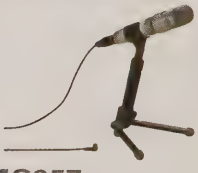
Table-top Design Electret Condenser Microphone.

ECMCR120

Electret Condenser Microphone with Noise Reduction System.

ECMMS907

Uni-Directional Quality Compact Microphone.



ECMMS957

High Quality Stereo Microphone with Selectable Response Angle.

CAR ACCESSORIES

CPA9

Play your MD Walkman or CD Walkman through your Car Radio Cassette Player.

DCCE345

12V DC Power Supply, compatible with 1.5V/ 3.0V/4.5V/6.0V CD Walkman and MD Walkman. Connect through Cigarette Lighter Socket. Also ideal for Boats.

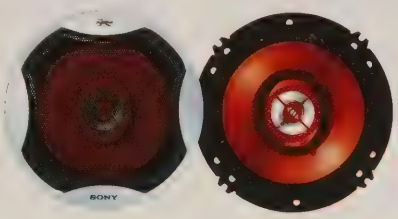
DCCE34CP

Multi-voltage DC Power Supply and Car Cassette Adaptor.

The latest / Car Audio

XPLOD PACKAGES

CXSS221GF
Headunit & Speaker Package



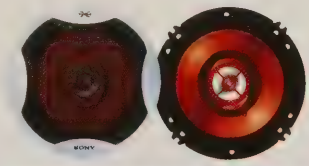
CDXS2210X
MP3/CD Head Unit

CD DECK • FM18/AM12 Preset Stations • MP3 Playback • ATRAC3plus Playback **SOUND CONTROL** • S-MOSFET Output Power:52W x 4 • Pre Out: Rear/Sub Switchable • Low Pass Filter • Bass/Treble Control **GENERAL** • Detachable Front Panel

XSGF1621
16cm 2-Way Speaker

Peak Power 170W, Rated Power 40W, Frequency Response 35Hz-22kHz, Sensitivity 90dB

XPLODPACK2
Complete Xplod Package



CDXF5510X
MP3/CD Headunit

TUNER • FM18/AM12 Preset Stations **CD DECK** • CD/MD Changer Control • MP3 Playback • ATRAC3plus Playback • Rotary Volume Control **SOUND CONTROL** • S-MOSFET Output Power:52W x 4 • Pre Out: Front + Rear/Sub Switchable • Low Pass Filter • DSO2 (Dynamic Soundstage Organizer) • Bass/Treble Control **GENERAL** • Remote control included • RM-X4S Rotary Commander (Opt.) • Detachable Front Panel

XSGT6937
6x9 3-Way Speakers

• Peak Power 350W • Rated Power 100W • Frequency Response 27Hz-30kHz • Sensitivity 93dB **WOOFER** • HOP Cone • Strontium Ferrite Magnet **MID RANGE** • 66mm Paper Cone • 55mm Strontium Ferrite Magnet **TWEETER** • 25mm PET Balance Dome • Piezo Magnet

XM504Z
4/3 Channel Stereo Amplifier

• MOSFET Power Supply • Maximum Output Power: 4 Chx100W @ 4Ω, 2 Chx125W + 1 Chx250W @ 4Ω • Rated Output Power: 4 Chx50W @ 4Ω, 2 Chx50W + 1 Chx120W @ 4 Ω • High and Low Pass filter

XSGF1621
16cm 2-Way Speaker

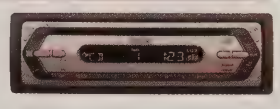
Peak Power 170W, Rated Power 40W, Frequency Response 35Hz-22kHz, Sensitivity 90dB

XSL122P5
30cm 12" Subwoofer

• Maximum Input Power 1300W • Rated Output Power 380W • High Performance Pentagonal Shaped Cone • Rubber Edge

Please visit our website to see the full 2005 Sony Car Audio lineup, including Speakers, Amplifiers, Subwoofers and Incar AV

CD HEADUNITS



CDXS2010X
CD Headunit

CDXS2010T - Titanium colour also available

CD DECK • FM18/AM12 Preset Stations • CD-R/RW Playback **SOUND CONTROL** • S-MOSFET Output Power:52W x 4 • Pre Out: Rear/Sub Switchable • Low Pass Filter • Bass/Treble Control **GENERAL** • Detachable Front Panel

CDXS2210X
MP3/CD Headunit

CD DECK • FM18/AM12 Preset Stations ▲ MP3 Playback ▲ ATRAC3plus Playback • Illumination Display **SOUND CONTROL** • S-MOSFET Output Power:52W x 4 • Pre Out: Rear/Sub Switchable • Low Pass Filter • Bass/Treble Control **GENERAL** • Detachable Front Panel

CDXF5510X
MP3/CD Headunit

Supplied

TUNER • FM18/AM12 Preset Stations **CD DECK** ▲ CD/MD Changer Control • MP3 Playback • ATRAC3plus Playback ▲ Rotary Volume Control **SOUND CONTROL** • S-MOSFET Output Power:52W x 4 ▲ Pre Out: Front + Rear/Sub Switchable • Low Pass Filter ▲ DSO2 (Dynamic Soundstage Organizer) • Bass/Treble Control **GENERAL** ▲ Remote control included ▲ RM-X4S Rotary Commander (Opt.) • Detachable Front Panel

CDXR5810
Synchro Flip FL Display MP3/CD Headunit

Supplied

CD DECK • FM18/AM12 • Preset Stations • CD/MD Changer Control • MP3 Playback • ATRAC3plus Playback • Drive-S Deck • CD-R/RW Playback **SOUND CONTROL** • S-MOSFET Output Power:52W x 4 ▲ EQ7 (7-Band Equalizer) • Bass/Treble Control ▲ BBE MP (MP3 Enhancement) ▲ Pre Out x2 (High Pass Filter) ▲ Sub Out (Low Pass Filter) ▲ Auxiliary Input • DSO2 (Dynamic Soundstage Organizer) **GENERAL** • RMX151 Commander (Incl). • Detachable Front Panel • RMX4S Rotary Commander (Opt.)

CDXF7710
FL Display MP3/CD Headunit

Supplied

TUNER • FM18/AM12 Preset Stations ▲ RDS (Radio Data System) • CD/MD Changer Control • MP3 Playback • ATRAC3plus Playback **SOUND CONTROL** ▲ 24 Bit DAC • S-MOSFET Output Power:52W x 4 ▲ 4V High Voltage Pre Out • Pre Out x2 (High Pass Filter) • Sub Out (Low Pass Filter) • Auxiliary Input • Bass/Treble Control • BBE MP (MP3 Enhancement) **GENERAL** • Remote control included • RM-X4S Rotary Commander (Opt.) • Detachable Front Panel
* Also available in Silver (CDXF7710S)

CDXM7810
Motorised Front Panel MP3/CD Headunit

Supplied

CD DECK • FM18/AM12 Preset Stations • RDS (Radio Data System) • Drive-S HX Deck • CD/MD Changer Control • MP3 Playback • ATRAC3plus Playback ▲ Motorised Front Panel **SOUND CONTROL** • 24 Bit DAC • S-MOSFET Output Power:52W x 4 • 4V High Voltage Pre Out • Pre Out x2 (High Pass Filter) • Sub Out (Low Pass Filter) • Auxiliary Input • DSO2 (Dynamic Soundstage Organizer) • EQ7 (7-Band Equalizer) • Bass/Treble Control • BBE MP (MP3 Enhancement) **GENERAL** ▲ RMX142 High Band Commander (Incl.) ▲ RMX6S Wireless Rotary Commander (Opt.) • RMX4S Rotary Commander (Opt.) • Detachable Front Panel

Please visit our website to see the full 2005 Sony Car Audio lineup

www.xplod.co.nz

▲ Indicates Step-up features

[illegible]
[illegible]
104 [illegible]
106 [illegible]
[illegible]

Energy and Media

The Supremas Technology

Equipped with SUPREMAS (Super Precise Mastering and Stamping) technology, Sony CD-Rs ensure stable and efficient writing capability, and are designed to deliver optimum performance.

Disc Structural Difference

The polycarbonate substrate of a CD-R has the structure of lands and grooves on its surface. The CD-R produced under SUPREMAS Technology is angular and sharp-edged, hence improving the reflectivity of the laser beam and resulting a lower recording error ratio.

DVD

Sony's full range of DVD media is the ideal choice for high resolution video and still images.

DVD+R and DVD-R are recordable formats that allow you to archive important data permanently in this write-once media. DVD+RW and DVD-RW are rewritable formats that use a phase change technology to permit disc rewrites of up to 1,000 times.

Depending on the drive format, Sony DVD media offers the widest write and playback compatibility with DVD home entertainment units and PC systems with built-in DVD recorder or drives.

Why Choose Sony Rechargeable Batteries?

Easy - Sony Ni-MH Batteries give you economical and ecological benefits.

Power rating from 1700mAh to 2500mAh is perfect for digital cameras, portable CD players, and other high-drain digital products. Refresh Function eliminates 'Memory Effect' to ensure optimum power performance for a longer duration.

Re-use and Recharge means less wastage and more savings.

Features

- **Memory Effect**

Conventional chargers do not remove any residual energy remaining in batteries. As a result, batteries have a lower capacity after recharging.

Over time, effective capacity decreases and performance of batteries deteriorates.

Sony's unique resfresh function, however, fully discharges the memory effect first for maximum performance every time!

- **Worldwide Voltage Compatibility**

Sony Battery Chargers accept voltage rating from 100V to 240V, and are safe for use with all currents anywhere in the world.

Simply insert the Charger into any wall socket to begin charging.

- **Automatic Cut-Off Function**

A built-in safety precaution, Automatic Cut-Off Function features a safety timer that monitors voltage and temperature to prevent overheating during the charging process.

An orange LED indicator will light up to signal the start of charging. When complete, the light will automatically go off to indicate charging is complete and has stopped.

CHARGERS

CycleEnergy

BCG34HRM
Super Quick charger with Refresh function and LCD Battery Indicator for use with AA and AAA rechargeable's. Includes 4 x NHAA.

BCG34HRD
Super Quick charger with Refresh function for AA and AAA rechargeable's. Includes 4 x NHAA.

BCG34HC4
Super quick charger for use with AA and AAA rechargeable's. Includes 4 x NHAA.

BCG34HLD
Charger for everyday use with AA and AAA rechargeable's. Includes 4 x NHAA.

RECHARGEABLES

NHAAAB2E
2 x Pack of Nickel-Metal Hydride AAA.

NHAAB2E
2 Pack of Nickel-Metal Hydride AA.

NHAAB4E
4 Pack of Nickel-Metal Hydride AA.

PLATINUM BATTERIES

AM3PTB2
AA Size Alkaline
2 pack high performance battery.

AM3PTB4
AA Size Alkaline
4 pack high performance battery.

AM3PTB8
AA Size Alkaline
8 pack high performance battery.

AM3PTB12
AA Size Alkaline
12 pack high performance battery.

AM4PTB2
AAA Size Alkaline
2 pack high performance battery.

AM4PTB4
AAA Size Alkaline
4 pack high performance battery.

AM4PTB8
AAA Size Alkaline
8 pack high performance battery.

AM2PTB2
C Size Alkaline
2 pack high performance battery.

AM1PTB2
C Size Alkaline
2 pack high performance battery.

9VOLT
9 Volt Alkaline
single pack high performance battery.

PLUS BATTERIES

AM3B2
AA Size Alkaline
2 pack.

AM3B4
AA Size Alkaline
4 pack.

AM4B2
AAA Size Alkaline
2 pack.

AM4B4
AAA Size Alkaline
4 pack.

PHOTO BATTERIES

CR2
3V Lithium

CR123A
3V Lithium

2CR5
6V Lithium

CRP2
6V Lithium

LITHIUM BATTERIES

CR2025
3V Button

CR2016
3V Button

CR2032
3V Button

LR44
1.5V Button

8CM DVD

DMW30S2
30min/1.4GB DVD-RW Disc

DMW60DSS2
60min/2.8GB DVD-RW Disc

DMR30S1
30min/1.4GB DVD-R Disc

DMR60DSS1
60min/2.8GB DVD-R Disc

DPW30S2
30min/1.4GB DVD+RW Disc

DPW60DSS2
60min/2.8GB DVD+RW Disc

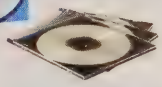
CDR

5CDQ22N
5 pack of 22min/200MB slim line CDR

10CDQ22L1
10 pack of 22min/200MB slim line CDR

CDQ80N
80min/700MB Jewel Case CDR

10CDQ80N1
10 pack of 80min/ 700MB slim line CDR



10CDQ80NC
10 pack of coloured 80min/ 700MB slim line CDR

10CDQ80S1SP
10 pack of 80min/700MB CDR on spindle

25CDQ80SP
25 pack of 80min/700MB CDR on spindle

50CDQ80SPC
50 Pack of 80min/700MB CDR on spindle

100CDQ80
100 Pack of 80min/ 700MB CDR on spindle

DVD

DPR47
120min/4.7GB DVD + R

10DPR47SP
10 Pack of DPR47 on spindle

25DPR47
25 Pack of DPR47 on spindle

50DPR47
50 Pack of DPR47 on spindle

DPW47
120min/4.7GB DVD + RW

DPR47L4
16x 4.7GB/120min DVD+R

DMR47
120min/4.7GB DVD - R

10DMR47SP
10 Pack of DMR47 on spindle

25DMR47
25 Pack of DMR47 on spindle

50DMR47
50 Pack of DMR47 on spindle

DMW47
120min/4.7GB DVD - RW

DMR47L4
16x 4.7GB/120min DVD-R

FLOPPY DISK

3MFD2HDEFC
3 pack of coloured floppy discs

10MFD2HDEFC
10 pack of coloured floppy discs

CDRW

CDRW700SHS
80min/700MB High speed 4x -10x Rewrite CDR

CDRW700
80min/700MB Rewrite CDR

MINI DIGITAL VIDEO TAPE

Mini DV

DVM60PR
60min Standard
MiniDV Camera Tape
3DVM60R3
3 Pack of DVM60PR
5DVM60R3
5 Pack of DVM60PR
10DVM60R3
10 Pack of DVM60PR

DVM60EX
60min Excellence
MiniDV Camera Tape

DVM60ME
60min Memory Chip
MiniDV Camera Tape

DVM63HD
63min MiniDV Professional grade tape.
Suitable for High Definition recording

8MM TAPE

P590MPD
90min 8mm Camera Tape

Hi8 TAPE

Hi8

P590HMPD
90min Hi8 Camera Tape

D8 TAPE

N860P
60min Digital8 Camera Tape
N890P
90min Digital8 Camera Tape

MICRO CASSETTE

MC60A
60min Micro Cassette

3MC60A
3 Pack of MC60A

MICRO MV TAPE

MICROMV

MGR60
60min MicroMV Tape

CLEANING TAPE

V825CLH
8mm, Hi8 and D8
Cleaning Tape

DVM12CL
MiniDV Camera
Cleaning Tape

MGRCL
MicroMV
Cleaning Tape

T25CLD
Video Recorder
Cleaning Tape

AUDIO TAPE

3EF60S
3 Pack of 60min
General Purpose
Audio Tape

3EF90S
3 Pack of 90min
General Purpose
Audio Tape

5EF90S
5 Pack of 90min
General Purpose
Audio Tape

VHS TAPE

E180VA
Premium 180min
Video Tape
E240VA
Premium 240min
Video Tape
E180DXE
180min General
Purpose Video Tape
E240DXE
240min General
Purpose Video Tape
3E180DXE
3 Pack of E180DXE
5E180DXE
5 Pack of E180DXE

MINIDISC

MDW80
80min MiniDisc

3MDW74CRL
3 Pack of
74min MiniDisc

5MDW74CRX
5 Pack of 74min
Coloured MiniDisc
10MDW74CRX
5 Pack of 74min
Coloured MiniDisc

HMD1G
1GB MiniDisc
for use in Hi-MD
players only

Digital Imaging - Digital Still Cameras

Adap. = Adaptor, IM = Image Mixer, *with Duo adapter

	DSCS40	DSCS60	DSCS90	DSCL1	DSCW5	DSCW7	DSCP200
LENS							
Optical Zoom	3x	3x	3x	3x	3x	3x	3x
Precision Digital Zoom	6x	6x	6x	6x	6x	6x	6x
Smart Zoom	up to 10x	up to 10x	up to 10x	up to 10x	Up to 12x	Up to 14x	Up to 14x
F number	2.8-5.1	2.8-5.2	2.8-5.2	2.8-5.1	2.8-5.2	2.8-5.2	2.8-5.2
Focal length (f=)	5.1-15.3mm	6-18mm	6-18mm	5.1-15.3mm	7.9-23.7mm	7.9-23.7	7.9-23.7
(35mm conversion)	32-96mm	39-117mm	39-117mm	32-96mm	38-114mm	38-114mm	38-114mm
Filter Diameter	x	30mm (w VADPEB)	30mm (w VADPEB)	x	30mm (w VADWA)	30mm (w VADWA)	30mm (w VADPHC)
Rotating Lens (degrees)	x	x	x	x	x	x	x
Conversion Lens Compatibility	x	✓ (w VADPEB)	✓ (w VADPEB)	x	✓ (w VADWA)	✓ (w VADWA)	✓ (w VADPHC)
NightShot	x	x	x	x	x	x	x
NightFraming	x	x	x	x	x	x	x
Even Brightness Picture	✓	✓	✓	✓	Yes	✓	✓
Carl Zeiss Lens	✓ (Vario Tessar)	✓ (Vario Tessar)	✓ (Vario Tessar)	✓ (Vario-Tessar)	✓ (Vario Tessar)	✓ (Vario Tessar)	✓ (Vario Tessar)
CCD							
CCD Type	Super HAD CCD	Super HAD CCD	Super HAD CCD	Super HAD CCD	Super HAD CCD	Super HAD CCD	Super HAD CCD
Size	1/2.7 type	1/2.7 type	1/2.7 type	1/2.7 type	1/1.8 type	1/1.8 type	1/1.8 type
Gross Pixels	4,231K pixels	4,231K pixels	4,231K pixels	4,231K pixels	5,255K pixels	7,410K pixels	7,410K pixels
Scan System	Interlace scan	Interlace scan	Interlace scan	Interlace scan	Interlace scan	Interlace scan	Interlace scan
Colour Filter	Primary colour	Primary colour	Primary colour	Primary colour	Primary colour	Primary colour	Primary colour
CAMERA							
Effective Pixels	4,065K pixels	4,106K pixels	4,106K pixels	4,065K pixels	5,090K pixels	7,201K pixels	7,201K pixels
DXP	14 bit	14 bit	14 bit	14 bit	14 bit	14 bit	14 bit
Real Image Processor	✓	✓	✓	✓	✓	✓	✓
Super Resolution Converter	✓	✓	✓	✓	✓	✓	✓
Clear Color NR	✓	✓	✓	✓	✓	✓	✓
Clear Luminance NR	✓	✓	✓	✓	✓	✓	✓
AF method Single AF	✓	✓	✓	✓	✓	✓	✓
Monitoring AF	✓	✓	✓	✓	✓	✓	✓
Continuous AF	x	x	x	x	x	x	x
AF area Multi Point	✓ (5 point, Auto)	✓ (5 point, Auto)	✓ (5 point, Auto)	✓ (5 point, Auto)	✓ (5 point, Auto)	✓ (5 point, Auto)	✓ (5 point, Auto)
Centre Weighted	✓	✓	✓	✓	✓	✓	✓
Spot/Flexible Spot	x/x	x/x	x/x	x/x	x/x	x/x	✓/x
Manual Focus	x	x	x	x	x	x	x
Manual Zoom	x	x	x	x	x	x	x
Expanded Focus Indicator	x	x	x	x	x	x	x
Focus Preset	x	✓	✓	x	✓	✓	✓
Aperture	x	Auto/P Auto/Manual	Auto/P Auto/Manual	x	Auto/Manual	Auto/Manual	Auto/Manual
Shutter Speed	Auto/P Auto	Auto/P Auto/Manual	Auto/P Auto/Manual	Auto/P Auto	Auto/P Auto/Manual	Auto/P Auto/Manual	Auto/P Auto/Manual
NR Slow shutter	✓	✓	Yes	✓	✓	✓	✓
Hand Shake Alert	✓	✓	Yes	✓	✓	✓	✓
Exposure compensation	✓ (+2.0EV,1/3EV step)	✓ (+2.0EV,1/3EV step)	✓ (+2.0EV,1/3EV step)	✓ (+2.0EV,1/3EV step)	✓ (±2.0EV, 1/3EV step)	✓ (±2.0EV, 1/3EV step)	✓ (±2.0EV, 1/3EV step)
White Balance	5 modes	5 modes	5 modes	5 modes	6 modes	6 modes	7 modes
Light metering Multi Pattern	✓	✓	✓	✓	✓	✓	✓
Centre Weighted	x	x	x	No	✓	✓	✓
Spot	✓	✓	✓	✓	✓	✓	✓
Sharpness Setting	✓ (+1 step)	✓ (+1 step)	✓ (+1 step)	✓ (+1 step)	✓ (±1 step)	✓ (±1 step)	✓ (±1 step)
Saturation Setting	✓ (+1 step)	✓ (+1 step)	✓ (+1 step)	✓ (+1 step)	✓ (±1 step)	✓ (±1 step)	✓ (±1 step)
Contrast Setting	✓ (+1 step)	✓ (+1 step)	✓ (+1 step)	✓ (+1 step)	✓ (±1 step)	✓ (±1 step)	✓ (±1 step)
AE Lock	x	x	x	x	x	x	x
ISO Sensitivity Setting	Auto/80/100/200/400	Auto/80/100/200/400	Auto/80/100/200/400	Auto/100/200/400	Auto/100/200/400	Auto/100/200/400	Auto/100/200/400
Exposure mode Auto	✓	✓	✓	✓	✓	✓	✓
Program Auto	✓	✓	✓	✓	✓	✓	✓
Shutter Speed Priority	x	x	x	x	x	x	x
Aperture Priority	x	x	x	x	x	x	x
Manual	x	✓	✓	x	✓	✓	✓
Scene Selection	7 modes	7 modes	7 modes	7 modes	7 modes	7 modes	9 modes
Picture Effects	2 modes	2 modes	2 modes	2 modes	2 modes	2 modes	2 modes
AF Illuminator	✓	✓	✓	✓	✓	✓	✓
Hologram AF	x	x	x	x	x	x	x
Flash Mode	4 modes	4 modes	4 modes	4 modes	4 modes	4 modes	4 modes
Red-eye Reduction	✓	✓	✓	✓	✓	✓	✓
Self Timer	10sec	10sec	10sec	10sec	10sec	10sec	10sec
LCD/Viewfinder							
LCD Screen Size	1.5" TFT	2" TFT	2.5" TFT	1.5" TFT	2.5" TFT	2.5" TFT	2" TFT
LCD Total dot number	76K	115K	115K	76.8 k	115K	115K	134K
LCD Brightness Setting	x	x	x	x	x	x	✓
Auto Bright monitoring	✓	✓	✓	✓	✓	✓	✓
Optical/Electrical View Finder	✓/x	✓/x	✓/x	x/x	✓/x	✓/x	✓/x
Recording							
Recording Media MS/MSPRO/MSDuo*/MSDuoPRO* *requires Adapter	✓/✓/✓*/✓*	✓/✓/✓*/✓*	✓/✓/✓*/✓*	x/x/✓/✓	✓/✓/✓*/✓*	✓/✓/✓*/✓*	✓/✓/✓*/✓*
Recording Format	JPEG/MPEG1	JPEG/MPEG1	JPEG/MPEG1	JPEG/MPEG1	JPEG/MPEG2	JPEG/MPEG1	JPEG/MPEG1
Recording mode Normal (JPEG)	✓	✓	✓	✓	✓	✓	✓
Burst Mode (JPEG)	✓	✓	✓	✓	✓	✓	✓
Auto Bracketing (JPEG)	x	x	x	x	x	x	x
Email (JPEG)	x	x	x	x	x	x	x
Voice Memo (MPEG1)	x	x	x	x	x	x	x
TIFF	x	x	x	x	x	x	x
RAW	x	x	x	x	x	x	x
Number of Shots on Media							
Fine/Standard 8.0M(3 264X2.448)	-	-	-	-	-	-	-
7.0M(3072x2304)	-	-	-	-	-	9/18 images (32MB)	9/18 images (32MB)
5.0M(2592x1944)	-	-	-	-	12/23 images (32MB)	12/23 images (32MB)	12/23 images (32MB)
4.0M(2272x1704)	16/30 images (32MB)	16/30 images (32MB)	16/30 images (32MB)	16/30 images (32MB)	-	-	-
3.0M(2048x1536)	20/37 images (32MB)	20/37 images (32MB)	20/37 images (32MB)	20/37 images (32MB)	20/37 images (32MB)	20/37 images (32MB)	20/37 images (32MB)
2.0M(1600x1200)	-	-	-	-	-	-	-
1.0M(1280x960)	50/93 images (32MB)	50/93 images (32MB)	50/93 images (32MB)	50/93 images (32MB)	50/93 images (32MB)	50/93 images (32MB)	50/93 images (32MB)
VGA(640x480)	196/491 images (32MB)	196/491 images (32MB)	196/491 images (32MB)	196/491 images (32MB)	196/491 images (32MB)	196/491 images (32MB)	196/491 images (32MB)
3:2 MODE	✓	✓	✓	✓	✓	✓	✓
MPEG Movie							
VX Standard	87sec (32MB)	87sec (32MB)	87sec (32MB)	87sec (32MB)	87sec (32MB)	87sec (32MB)	87sec (32MB)
Video Mail	22min 30sec (32MB)	22min 30sec (32MB)	22min 30sec (32MB)	22min 30sec (32MB)	22min 30sec (32MB)	22min 30sec (32MB)	22min 30sec (32MB)
Burst Shot Number/Burst Interval	4/0.7sec / 30/0 6sec	4/0.7sec / 30/0.6sec	4/0.7sec / 30/0.6sec	4/0.77sec / 30/0.77sec	9/0.7sec / 100/0.6sec	5/0.9sec / 100/0.8sec	5/1.1sec / 100/1.1sec
General							
Slideshow/Trimming/Resize/Divide(MPEG)	✓/✓/✓/✓	✓/✓/✓/✓	✓/✓/✓/✓	✓/x/✓/✓	✓/✓/✓/✓	✓/✓/✓/✓	✓/x/✓/✓
Date/Time impose	✓	✓	✓	✓	✓	✓	✓
Histogram indicator	x	✓	✓	✓	✓	✓	✓
Memory Stick/Battery Remaining indicator	✓/✓	✓/✓	✓/✓	✓ /InfoLITHIUM	✓/✓	✓/✓	✓ /InfoLITHIUM
Accessory Shoe/ACC Terminal	x/x	x/x	x/x	x/x	x/x	x/x	x/x
Start up time	Approx 1.7 sec	Approx 2.4 sec	Approx 2.4 sec	Approx 2.3 sec	Approx 1.3 sec	Approx 1.3 sec	Approx 1.3 sec
PictBridge	✓	✓	✓	✓	✓	✓	✓
Jacks							
AV Out	x	x	x	x	✓	✓	x
Digital I/O (USB)	USB 2.0	x	x	USB 2.0	USB 2.0	USB 2.0	x
Multi Use Terminal	x	USB 2.0, AV	USB 2.0, AV	x	x	x	USB 2.0, AV
DC IN Terminal	x	x	x	✓	x	x	✓
Others							
Dimension(WxHxD)mm	99x51.7x34.2	96.6x64.4x40.1	96.6x64.4x40.1	95x44.3x25.7	91x60x37.1	91x60x37.1	104x51.5x27.9
Weight(incl accy (g)	132/180	198/249	202/253	122/152	197/253	197/253	144/180
Body Material	Plastic	Plastic	Plastic	Plastic/aluminium	aluminum	aluminum	aluminum
Supplied Accessory							
Memory Stick	32MB Internal	32MB Internal	32MB Internal	MSAM16A	32MB Internal	32MB Internal	MSA32A
AC Adaptor or Battery Charger	x	x	BCCS2 charger	ACLS5 adaptor	BCCS2 charger	BCCS2 charger	ACLS5 adaptor
Battery	AA Alkaline x2	AA Alkaline x2	NHAA2DA	NPFT1	NHAA2DA	NHAA2DA	NPFR1
Lens Cover/Strap	Auto/wrist	Auto/wrist	Auto/wrist	auto/neck strap	Auto/wrist	Auto/wrist	Auto/wrist
Cables	USB	Multi (USB, AV)	Multi (USB, AV)	USB	USB, AV	USB, AV	Multi (USB, AV)
Cradle	x	x	x	x	x	x	x
Software	Picture Package	Picture Package	Picture Package	Picture Package	Picture Package	Picture Package	Picture Package
Battery Life (minutes/shots) Supplied Battery	Alkaline AA 55/110	Alkaline AA 50/100	NHAA2DA 210/420	NPFT1 120/240	NHAA2DA 210/420	NHAA2DA 190/380	NPFR1 185/370
Optional Batteries (minutes/shots)	NHAA2DA 240/480	NHAA2DA 220/440	Alkaline 40/80		Alkaline 40/80	Alkaline 35/70	
	NHAA2DB 275/550	NHAA2DB 255/510	NHAA2DB 245/490		NHAA2DB 240/480	NHAA2DB 215/430	
		NPNH25 255/510	NPNH25 245/490				

Digital Imaging - Digital Still Cameras

Adap. = Adaptor, IM = Image Mixer, Prog. = Program, HSS = Hight-Speed Shutter, SP = Shutter Priority, Man. = Manual

		DSC7	DSCM1	DSCV3	DSCH1	DSCF828	MVCFD200	MVCCD500
LENS								
Optical Zoom		3x	3x	4x	12x	7x	3x	3x
Precision Digital Zoom		6x	6x	8x	24x	14x	6x	x
Smart Zoom		Up to 12x	x	up to 19x	up to 48x	up to 32x	x	✓
F number		3.5-4.4	3.5-4.4	2.8-4	2.8-3.7	2.0-2.8	3.8-3.9	2.0-2.5
Focal length (f=)		6.33-19mm	6.7-20.1mm	7-28.0mm	6-72mm	7.1-51mm	6.4-19.2mm	7-21mm
(35mm conversion)		38-114mm	38-114mm	34-136mm	36-432mm	28-200mm	41-123mm	34-102mm
Filter Diameter		x	x	58mm (VADVHA)	58mm (with adapter)	58mm	37mm	52mm (w VADS70B)
Rotating Lens (degrees)		x	x	x	x	70up:30 down	x	x
Conversion Lens Compatibility		x	x	✓ (w VADVHA)	✓ (w Adapter)	✓	✓	✓
NightShot		x	x	✓	x	✓	x	x
NightFraming		x	x	✓	x	✓	x	x
Even Brightness Picture		✓	✓	✓	✓	✓	x	✓
Carl Zeiss Lens		✓ (Vario Tessar)	✓ (Vario Tesser)	✓ (Vario-Sonnar)	x	✓ (Vario Sonnar T*)	x	✓
CCD								
CCD Type		Super HAD	Super HAD	Super HAD	Super HAD	4 Colour Super HAD	Super HAD	Super HAD
Size		1/2.5 type	1/2.4 type	1/1.8 type	1/2.5 type	2/3 type	1/2.7 type	1/1.8 type
Gross Pixels		5,255K pixels	5,255K pixels	7,410K pixels	5,255K pixels	8.314K pixels	2106K pixels	5,256K pixels
Scan System		Interlace scan	Interlace scan	Interlace scan	Interlace scan	Interlace scan	Interlace scan	Interlace scan
Colour Filter		Primary color	Primary color	Primary color	Primary color	Primary colour 4 colours	Primary color	Primary color
CAMERA								
Effective Pixels		5,090K pixels	5,090K pixels	7,201K pixels	5,090K pixels	8,068k pixels	1976K pixels	5,091k pixels
DXP		14 bit	14 bit	14 bit	14 bit	14bit	12bit	14bit
Real Image Processor		✓	✓	✓	✓	✓	x	x
Super Resolution Converter		✓	✓	✓	✓	✓	✓	✓
Clear Color NR		✓	✓	✓	✓	✓	x	✓
Clear Luminance NR		x	✓	✓	✓	✓	x	✓
AF method	Single AF	✓	x	✓	✓	✓	x	✓
	Monitoring AF	✓	✓	✓	✓	✓	x	✓
	Continuous AF	x	x	✓	✓	✓	x	✓
AF area	Multi Point	✓ (5 point)	✓ (5 point)	✓	✓	✓	x	✓
	Centre Weighted	✓	✓	✓	✓	✓	✓	✓
	Spot/Flexible Spot	x/x	✓ /x	x/✓	✓ / ✓	x/✓	x	✓
Manual Focus		x	x	x	✓	✓ (Ring)	x	x
Manual Zoom		x	x	x	x	✓ (Ring, Mechanical)	x	x
Expanded Focus Indicator		x	x	x	✓	✓	x	x
Focus Preset		✓	✓	✓	x	x	✓	x
Aperture		Auto	Auto	Auto/Aperture Priority/Manual	Auto/Aperture Priority/Manual	Auto/P Auto/Aperture priority/Manua	Auto	Auto (F2.0-8.0)
Shutter Speed		Auto/P Auto	Auto/P Auto/High-speed shutter	Auto/P Auto/Shutter Priority/Manua	Auto/P Auto/Shutter Priority/Manual	Auto/P Auto/Shutter priority/Manual	Auto(2-1/800)	Auto/P Auto/Shutter priority
NR Slow shutter		✓	✓	✓	✓	✓	x	✓
Hand Shake Alert		✓	✓	✓	Optical Steady Shot	✓	x	✓
Exposure compensation		✓ (±2.0EV, 1/3EV step)	✓ (±2.0EV, 1/3EV step)	✓ (±2.0EV, 1/3EV step)	✓ (±2.0EV, 1/3EV step)	✓ (±2.0EV, 1/3EV step)	✓ (±2.0EV, 1/3EV step)	✓ (±2.0EV, 1/3EV step)
White Balance		6modes	✓ (6 modes)	✓ (7modes)	✓ (7modes)	✓ (7modes)	✓ (4modes)	✓ (7modes)
Light metering	Multi Pattern	✓	✓	✓	✓	✓	x	✓
	Centre Weighted	✓	x	✓	✓	✓	✓	✓
	Spot	✓	✓	✓	✓	✓	✓	✓
Sharpness Setting		✓ (±1 step)	✓ (±1 step)	✓ (±1 step)	✓ (±1 step)	✓ (±2 step)	✓ (±2 step)	✓ (±1 step)
Saturation Setting		✓ (±1 step)	✓ (±1 step)	✓ (±1 step)	✓ (±1 step)	✓ (±2 step)	x	✓ (±1 step)
Contrast Setting		✓ (±1 step)	✓ (±1 step)	✓ (±1 step)	✓ (±1 step)	✓ (±2 step)	x	✓ (±1 step)
AE Lock		x	x	✓	x	✓	x	✓
ISO Sensitivity Setting		Auto/64/100/200/400	Auto/100/200/400	Auto/100/200/400/800	Auto/64/100/200/400	Auto/64/100/200/400/800	✓	Auto/100/200/400
Exposure mode	Auto	✓	✓	✓	✓	✓	x	✓
	Program Auto	✓	✓	✓	✓	✓	x	✓
	Shutter Speed Priority	x	x	✓ (30-1/1000sec)	✓ (8-1/2000sec)	✓ (30-1/2000sec)	x	✓
	Aperture Priority	x	x	✓ (F2.8-F8)	✓ (F2.8-F8)	✓ (F2.0-F8)	x	✓
	Manual	x	x	✓	✓	✓	x	✓
	Scene Selection	10 modes	9 modes	7 modes	7 modes	4 modes	5modes	6modes
Picture Effects		2 modes	2 modes	3 modes	2 modes	3 modes	4modes	3modes
AF Illuminator		✓	✓	x	✓	x	x	x
Hologram AF		x	x	✓	x	✓	x	✓
Flash Mode		4 modes	4 modes	4 modes	4 modes	4 modes	3 modes	4 modes
Red-eye Reduction		✓	✓	✓	✓	✓	✓	✓
Self Timer		10sec	10sec	10sec	10sec	10sec	10sec	10sec
LCD/Viewfinder								
LCD Screen Size		2.5" TFT	2.5" TFT Hybrid	2.5" TFT	2.5" TFT	1.8" TFT	2.5" TFT	2.5" TFT
LCD Total dot number		230K Clear Photo	123K	123K	115K	134K	123K	123K
LCD Brightness Setting		✓	✓	✓	✓	✓	✓	✓
Auto Bright monitoring		✓	✓	✓	✓	✓	✓	✓
Optical/Electrical View Finder		x/x	x/x	✓/x	x/✓	x/✓	x/x	x/x
Recording								
Recording Media	MS/MSPRO/MSDuo*/	x/x/✓/✓	x/x/✓/✓	✓/✓/✓*/✓*/Micro Drive/CF	✓/✓/✓*/✓*	✓/✓/✓*/✓*/✓*/Micro Drive/CF	✓/x/✓*/x/FD	x/x/x/x
MSDuoPRO*	*requires Adapter							
Recording Format		JPEG/MPEG1	JPEG/MPEG4	JPEG/RAW/TIFF/MPEG1	JPEG/MPEG1	JPEG/RAW/TIFF/MPEG1	JPEG/TIFF/MPEG1/GIFF	JPEG/GIF/TIFF/MPEG1
Recording mode	Normal (JPEG)	✓	✓	✓	✓	✓	✓	✓
	Burst Mode (JPEG)	✓	✓	✓	✓	✓	x	✓
	Auto Bracketing (JPEG)	x	✓	✓	✓	✓	x	✓
	Email (JPEG)	x	x	x	x	✓	✓	✓
	Voice Memo (MPEG1)	x	x	x	x	✓	x	✓
	TIFF	x	x	✓	x	✓	✓	✓
	TEXT (GIF)	x	x	✓	x	✓	x	x
Number of Shots on Media								
Fine/Standard	8.0M(3,264X2.448)	-	-	-	-	8/15 images (32MB MS)	-	-
	7.0M(3072x2304)	-	-	9/18 images (32MB MS)	-	-	-	-
	5.0M(2592x1944)	12/23 images (32MB)	12/23 images (32MB)	12/23 images (32MB MS)	12/23 images (32MB MS)	12/23 images (32MB MS)	-	51/95 images(CDR/RW)
	4.0M(2272x1704)	-	-	-	-	-	-	-
	3.0M(2048x1536)	20/37 images (32MB)	20/36 images (32MB)	20/37 images (32MB MS)	20/37 images (32MB MS)	20/37 images (32MB MS)	-	81/145 images(CDR/RW)
	2.0M(1600x1200)	-	-	-	-	-	4 FD/16 16MB MS	-
	1.0M(1280x960)	50/93 images (32MB)	50/93 images (32MB)	50/93 images (32MB MS)	50/93 images (32MB MS)	50/93 images (32MB MS)	14 FD/46 16MB MS	194/345 images(CDR/RW)
	VGA(640x480)	196/491 images (32MB)	196/490 images (32MB)	196/491 images (32MB MS)	196/491 images (32MB MS)	196/491 images (32MB MS)	30 FD/96 16MB MS	655/1285 images (CDR/RW)
	3.2 MODE	✓	✓	✓	✓	✓	✓	✓
MPEG Movie								
VX Standard		87sec(32MB)	87sec(32MB)	87sec(32MB MS)	87sec(32MB MS)	87sec(32MB MS)	-	5min 51sec
Video Mail		22min 30sec (32MB)	22min 30sec (32MB)	22min 30sec(32MB MS)	22min 30sec(32MB MS)	22min 30sec(32MB MS)	60sec FD/640sec 16MB MS w.o Audio	89 min
Burst Shot Number/Burst Interval		9/0.7sec / 100/0.6sec	4/0.33sec	8/0.4sec / 100/0.83sec	9/0.8sec / 100/0.7sec	7/0.38sec / 7/0.42sec	x	3/0.5sec
General								
Slideshow/Trimming/Resize/Divide(MPEG)		✓/✓/✓/✓	✓/✓/✓/x	✓/✓/✓/✓	✓/✓/✓/✓	✓/✓/✓/✓	✓/✓/x/x	✓/✓/✓/x
Date/Time Impose		✓	✓	✓	✓	✓	✓	✓
Histogram indicator		✓	✓	✓	✓	✓	x	✓
Memory Stick/Battery Remaining indicator		✓/InfoLITHIUM	✓/InfoLITHIUM	✓/InfoLITHIUM	✓/✓	✓/InfoLITHIUM	✓/InfoLITHIUM	x/InfoLITHIUM
Accessory Shoe/ACC Terminal		x/x	x/x	✓ (Advanced/Hot)/✓	x/x	✓ (advanced)/✓	x/x	✓ (advanced)/Yes
Start up time		Approx. 1.1 sec	Approx. 1.4Sec	Approx 2.8 Sec	Approx 2.1 Sec	Approx 1 sec	Approx 7 sec	Approx 3sec
PictBridge		✓	Yes	✓	✓	✓	x	x
Jacks								
AV Out		✓ (with adapter)	x	✓	✓	✓	✓	✓
Digital I/O (USB)		✓ (with adapter)	x	USB 2.0 HiSpeed	USB 2.0 HiSpeed	USB2.0 HiSpeed	USB1.0	USB2.0 HiSpeed
Multi Use Terminal		Adapter (USB 2.0, AV, DC)	Yes(AV Out, USB, DC In)	x	x	x	x	x
DC IN Terminal		✓ (with adapter)	x	✓	x	✓	x	✓
Others								
Dimension(WxHxD)mm		91.7x60.2x14.7 (9.7 min)	51x119x27.8	119.8x72x63	107.8x81.4x91.2	134.4x 91.1 x157.2	142x104x77	138.5x95.7x103.1
Weight/incl accy. (g)		114/136	190/220	360/410	438/591	832/955	520g	514g
Body Material		stainless Steel	aluminium/Plastic	aluminium	Plastic	magnesium	Plastic	Plastic
Supplied Accessory								
Memory Stick		MSAM32A	MSAM32A	x	32MB Internal	x	x	-
AC Adaptor or Battery Charger		BCCS3 charger	ACLM5 adaptor	ACLS5 adaptor	BCCS2 charger	ACL15 adaptor	ACL10A adaptor	ACL15 adaptor
Battery		NPFE1	NPFT1	NPFR1	NHAA2DA	NPFM50	NPF330	NPFM50
Lens Cover/Strap		✓/wrist Strap	auto/wrist Strap	Auto/Shoulder	✓/Shoulder	✓/✓	x/x	✓/✓
Cables		USB, AV	USB, AV	USB, AV	USB, AV	USB, AV	USB, Video Cable	USB, AV
Cradle		Yes	x	x	x	x	x	x
Software		Picture Package	Picture Package	Picture Package	Picture Package	PIXELA ImageMixer V1.5	PIXELA ImageMixer V1	PIXELA ImageMixer V1.5
Battery Life (minutes/shots) Supplied Battery		NPFE1 75/150	NPFT1 80/160	NPFR1 150/300	NHAA2DA 145/290	NPFM50 185/370	NPF330 80/1600MS/70/750 FD	NPFM50 110/220
Optional Batteries (minutes/shots)					NHAA2DB 160/320		NPF570 160	

Digital Imaging - Handycam

Gr. = Gross, Ef. = Effective, Mon. = Monaural, Prog. = Program, RM = Recording Media,
EC = , Electric Condencer, DA = Direct Access, PS = Presentation, RS = Resolution, PP = Picture Package, IM = Image Mixer

	CCDTRV438E	DCRTRV285E / DCRTRV480E	DCRHC21E	DCRHC32E	DCRHC42E	DCRPC55E	DCRHC90E
LENS/ZOOM							
Carl Zeiss Lens	x	x	✓ (Vario Tessar)	✓ (Vario Tessar)	✓ (Vario Tessar)	✓ (Vario Tessar)	✓ (Vario Sonnar T*)
Optical Zoom	20x	20x	20x	20x	12x	10x	10x
Digital Zoom	990x	990x	800x	800x	480x	120x	120x
Precision Digital Zoom	x	x	x	x	✓	x	✓
F	1.6 - 2.4	1.6-2.4	1.8-3.1	1.8-3.1	1.8-2.5	1.7-2.2	1.8-2.9
f(Focal Distance)	2.5 - 50mm	2.5-50mm	2.3-46mm	2.3-46mm	3-36mm	2.3-23mm	5.1-51mm
f(35mm conversion)(in Camera mode)	42 - 840mm	42-840mm	44-880mm	44-880mm	46-628.5mm (16:9)	44-440mm	42.8-495mm (16:9)
f(35mm conversion)(in Photo mode)	-	- / 42-840mm	-	44-880mm	43.6-523.2mm (16:9)	44-440mm	40.6-460mm (16:9)
Filter Diameter	37mm	37mm	25mm	25mm	25mm	x	30mm
NightShot plus	✓	✓	✓	✓	✓	x	✓
Colour Slow Shutter (Camera Mode)	x	x/✓	x	✓	✓	x	✓
Super NightShot (in Camera mode)	x	x/✓	x	✓	✓	x	✓
CAMERA							
Focus system	Full range Auto/Manual	Full range Auto/Manual	Full range Auto/Manual	Full range Auto/Manual	Full range Auto/Manual	Full range Auto/Manual	Full range Auto/Manual
Spot Focus	x	x/✓	✓	✓ (Touch Panel)	✓ (Touch Panel)	✓ (Touch Panel)	✓ (Touch Panel)
Image Device	1/6" 510H CCD	1/6" 720H CCD	1/6" 960H CCD	1/6" 960H CCD	1/5.5" 1152H CCD	1/6" 960H CCD	1/3" 2144H CCD
Progressive/ Interlace	x/✓	x/✓	x/✓	x/✓	x/✓	x/✓	x/✓
Advanced HAD technology	x	x	✓	✓	✓	✓	✓
Number of pixels	Gross 380K	Gross 540K	Gross 800K	Gross 800K	Gross 1070K	Gross 800K	Gross 3,310K
Number of pixels (Camera mode/Photo mode)	Effective 230K / -	Eff.350K/-/Eff. 350K/350K	Effective 400K/-	Eff. 400K / Eff. 400K	Effective 690K/1000K	Effective 400K/400K	Effective 2048K/3048K
Minimum Illumination(w/NightShot)	1 lux (0 lux)	4 lux (0 lux)	5 lux (0 lux)	5 lux (0 lux)	7 lux (0 lux)	5 lux	5 lux (0 lux)
White Balance	Auto only	Auto only	Auto/outdoor/indoor/one push	Auto/outdoor/indoor/one push	Auto/outdoor/indoor/one push	Auto/outdoor/indoor/one push	Auto/outdoor/indoor/one push
Shutter Speed	1/50 - 1/4000 (in AE mode)	1/50-1/4000(in AE)/1/3-1/4000(in AE)	Auto 1/50-1/3500 (ProgramAE)	Auto 1/3-1/3500(ProgramAE)	Auto 1/2-1/3500(ProgramAE)	Auto 1/2-1/3500(ProgramAE)	Auto 1/2-1/3500(ProgramAE)
Auto Shutter	✓	✓	✓	✓	✓	✓	✓
Program AE	6 Modes	6 Modes	6 Modes	6 Modes	6 Modes	6 Modes	6 Modes
14bit DXP	x	x	x	x	✓	x	✓
Exposure Control	✓	✓	✓ (Touch Panel)	✓ (Touch Panel)	✓ (Touch Panel)	✓ (Touch Panel)	✓ (Touch Panel)
Backlight Compensation	✓	✓	✓	✓	✓	✓	✓
Spot Meter	x	x/✓	✓ (Touch Panel)	✓ (Touch Panel)	✓ (Touch Panel)	✓ (Touch Panel)	✓ (Touch Panel)
Interval Record	x	✓	x	x	✓ (smooth)	x	✓ (smooth)
Frame Record	x	✓	x	x	x	x	✓
Zebra Pattern/Guide Frame	x/x	x/x	x/x	x/x	x/x	x/x	✓/✓
Custom Title	✓	✓	x	x	x	x	x
Fader	5 Modes	4 Modes/7 modes	4 Modes	7 Modes	7 Modes	7 Modes	7 Modes
Date/Time Display	✓	✓	✓	✓	✓	✓	✓
SteadyShot	✓	✓	✓	✓ (SuperSteadyShot)	✓ (SuperSteadyShot)	✓ (SuperSteadyShot)	✓ (SuperSteadyShot)
View FinderB/W or Colour	B/W (90Kdots)	B/W (90k dots)	BW (123K dots)	BW (123K dots)	CVF(123K dots)	x	CVF(123K dots)
AUDIO							
PCM Digital Stereo	No (AFM Hi-Fi Monaural)	✓ (12/16 bit)	✓ (12/16 bit)	✓ (12/16 bit)	✓ (12/16 bit)	✓ (12/16 bit)	✓ (12/16 bit)
Audio Dub	x	x	✓ (Touch Panel)(12 bit)	✓ (Touch Panel)(12 bit)	✓ (Touch Panel)(12 bit)	✓ (Touch Panel)(12 bit)	✓ (Touch Panel)(12 bit)
Built-in Microphone	✓ (mono)	✓ (stereo)	✓ (stereo)	✓ (stereo)	✓ (stereo)	✓ (stereo)	✓ (stereo)
Rec. Level Control (Mic.)	x	x	x	x	x	x	x
Built-in Speaker	✓	✓	✓	✓	✓	✓	✓
VTR							
Format	8mm/Hi8	D8 / D8 (8mm/Hi8 Pback)	DV	DV	DV	DV	DV
Frame Advance	x	x/✓	✓	✓	✓	✓	✓
Title Search (Cassette Memory)	x	x	x	x	x	x	x
On Screen Display	✓ (Line out/LCD/VF)	✓ (Line out/LCD/VF)	✓ (Line out/LCD)	✓ (Line out/LCD)	✓ (Line out/LCD)	✓ (Line out/LCD)	✓ (Line out/LCD)
Digital Program Editing	x	✓	x	x	Yes	x	x
Photomovie Create	x	x	x	x	x	x	x
Signal Convert Function	x	x/✓	✓	✓	✓	✓	✓
Playback zoom	x	x/✓	x	✓	✓	✓	✓
NTSC Playback on PAL TV	x	x	x	x	x	x	x
JACKS							
Video In/Out	x/✓ (special)	x/✓ (special)/✓/✓ (special)	x	-	-	-	-
S-Video In/Out	x/x	x/x	x	-	-	-	-
Audio In/Out	x/✓ (Mono special)	x/✓ (special)/✓/✓ (special)	x	-	-	-	-
Multi AV (Video in/out, Svideo in/out, Audio in/out)	x	x	✓ (out only)	✓	✓	✓	✓
Interface Connector (for cradle)	x	x	x	✓	✓	✓	x
i.LINK DV In/Out	x/x	✓/✓	✓/✓	✓ (on cradle)	✓ (on Cradle)	✓ (on Cradle)	✓/✓
External Mic. Input/Head Phone Jack	x/x	x/x	x/x	x/x	x/x	x/x	x/x
LANC Terminal	x	x	✓	✓	✓ (Stereo minimini jack)	x	✓ (Stereo minimini jack)
USB Terminal	x	✓	✓ (mini-B)	✓ (on cradle)	✓ (on Cradle)	✓ (on Cradle)	✓ (mini-B)
DC In	✓	✓	✓	✓	✓	✓	✓
LCD MONITOR							
Size	2.5"(6.2cm)	2.5"(6.2cm)	2.5"(6.2cm)	2.5"(6.2cm)	2.7" (16:9 6.9cm)	3"	2.7"(16:9 6.9cm)
Pixels	123K dots	123K dots	123K dots	123K dots	123K dots	123K dots	123K dots
Hybrid/Touch panel LCD	x/x	x/x/x/✓	x/✓	x/✓	✓/✓	✓/✓	✓/✓
OTHERS							
Built in Video Light/Flash Light	✓/x	✓/x	x/x	x/x	x/x	x/x	x/✓
16:9 Wide	✓	✓	✓	✓	✓ (High Quality)	✓	✓ (High Quality)
Accessory shoe	x	x	✓	✓	✓ (AIS)	✓ (AIS)	✓ (AIS)
Digital Effects/Picture Effects	x/8 Modes	x/8 Modes/6modes/6modes	-/6 Modes	6 Modes/6 Modes	6 Modes/6 Modes	6 Modes/6 Modes	8 Modes/6 Modes
USB Streaming	x	✓	✓	✓	✓	✓	✓
Direct Access to "Click to DVD"/VCD Burn	x/x	✓/✓	✓	✓/✓	✓/✓	✓/✓	✓/✓
Pictbridge	x	x/✓	x	Yes	✓	✓	✓
Weight(W/O Tape/Batt., etc.) g	780 g	780g/800g	400g	400g	410g	290g	440g
Dimensions(WxHxD) mm	85 x 98 x 151	85x98x151	54.7x90x111.7	54.7x90x111.7	54.7x90x111.7	45x99x72	66x91x110
Memory Stick							
Recording media MS/MSPRO/MSDuo/MSPRODuo	-/-	-/✓/✓/x/x	-	x/x/✓/✓	x/x/✓/✓	x/x/✓/✓	x/x/✓/✓
Still Image							
Image Size	-	- / 640x480 (VGA)	-	640x480(VGA)	1512x864/1152x684/640x480	640x480(VGA)	2016x1512/1600x1200/640x480
Compression	-	- / JPEG	-	JPEG	JPEG	JPEG	JPEG
Tape To Memory Stick Rec	-	- / ✓ (VGA only)	-	✓ (VGA only)	✓ (VGA/WVGA)	✓ (VGA only)	✓ (VGA only)
Memory Stick to Tape Rec	-	- / ✓	-	x	x	x	x
Burst record	-	- / x	-	x	✓ (3/4/21)	x	✓ (3/4/21)
Slide Show	-	- / ✓	-	✓ (Menu)	✓ (Menu)	Slide Show Plus	✓ (Menu)
MPEG MOVIE							
Format	-	- / MPEG1	-	MPEG1(MOVIE EX)	MPEG1(MOVIE EX)	MPEG1(MOVIE EX)	MPEG1(MOVIE EX)
Presentation(320x240)/ Video mail(160x112) Resolution	-	✓/✓	-	✓/✓	✓/✓	✓/✓	✓/✓
Audio	-	- / ✓ (MPEG)	-	✓ (MPEG)	✓ (MPEG)	✓ (MPEG)	✓ (MPEG)
Supplied Accessory							
AC adaptor	AC-L15	AC-L15	AC-L25	AC-L25	AC-L25	AC-L200	AC-L200
Rechargeable Battery Pack	NPFM30	NPFM30	NPFP30	NPFP30	NPFP50	NPFA50	NPFA50
Wireless Remote Commander +AA Batt	RMT-833	RMT-830	RMT-830	RMT-831	RMT-831	RMT-831	RMT-831
AV Cable	Special Mono AV	Special Stereo AV	Special Stereo AV	Special Stereo AV	Special (Stereo AV)	Special (Stereo AV)	Special (Stereo AV)
Lens Cap / Shoulder Strap	✓/✓	✓/✓	Auto/✓	Auto/✓	Auto/x	Auto/x	Auto/x
Memory Stick / Duo Adaptor	x/x	x/x	x/x	x/x	x/x	Duo 16MB/✓	Duo 16MB/✓
Picture Package/Image Mixer VCD2/ USB Driver(CD-ROM)/USB Cable	x/x	✓	✓	✓	✓	✓	✓
Battery Life							
With Viewfinder/ With LCD	NPFM30 175/115min	NPFM30 125/90/105/80min	NPFP30 105/80min	NPFP30 95/80min	NPFP50 110/95min	NPFA50 -/95min	NPFA50 100/85min
(Continous recording with fully charged battery)	NPFM50 280/185min	NPFM50 200/145/170/130min	NPFP50 150/115min	NPFP50 135/110min	NPFP70 235/200min		NPFA70 180/165min
	NPQM71D 675/445min	NPQM71D 485/355/415/315min	NPFP70 310/240min	NPFP71 330/280min	NPFP90 415/355min		
	NPQM91D 1010/670min	NPQM91D 725/535/625/475min	NPFP90 550/435min	NPFP90 500/415min			

Digital Imaging - Handycam

Gr. = Gross, Ef. = Effective, Mon. = Monaural, Prog. = Program, SF. = Super Fine, L. = Light, Adap. = Adaptor, Pb = Pback, Pb/R = Pback/Record

	DCRPC1000E	DCRDVD602E	DCRDVD653E	DCRDVD703E	DCRDVD803E	DCRDVD7E	DCRVX2100E	HDRFX1E
LENS/ZOOM								
Carl Zeiss Lens	✓ (Vario Sonnar T*)	✓ (Vario Tessar)	✓ (Vario Tessar)	✓ (Vario Tessar)	✓ (Vario Sonnar)	✓ (Vario Tessar)	x	✓ (Vario Sonnar T*)
Optical Zoom	10x	20x	20x	12x	10x	10x	12x	12x
Digital Zoom	120x	800x	800x	480x	120x	120x	48x	x
Precision Digital Zoom	✓	x	x	✓	✓	x	x	x
F	1.8-2.4	1.8-3.1	1.8-3.1	1.8-2.5	1.8-2.9	1.7-2.2	1.6-2.4	1.6-2.8
f(Focal Distance)	2.77-277mm	2.3-46mm	2.3-46mm	3-36mm	5.1-51mm	2.3-23mm	6-72mm	4.5-54mm
f(35mm conversion)(in Camera mode)	44-520mm (16:9)	44-880mm	44-880mm	46-628.5mm (16:9)	42.8-495mm	44-440mm	43.2-518.4mm	32.5-390mm (16:9)
f(35mm conversion)(in Photo mode)	43.5-435mm (16:9)	44-880mm	44-880mm	40-480mm	37-370mm	44-440mm	43.2-518.4mm	x
Filter Diameter	30mm	30mm	30mm	30mm	30mm	x	58mm	72mm
NightShot plus	x	✓	✓	✓	x	x	x	x
Colour Slow Shutter (Camera Mode)	x	✓	✓	✓	✓	x	x	x
Super NightShot (in Camera mode)	x	✓	✓	✓	✓	x	x	x
CAMERA								
Focus system	Full range Auto/Manual	Full range Auto/Manual	Full range Auto/Manual	Full range Auto/Manual	Full range Auto/Manual	Full range Auto/Manual	Full range Auto/Manual	Full range Auto/Manual
Spot Focus	✓ (Touch Panel)	✓ (Touch Panel)	✓ (Touch Panel)	✓ (Touch Panel)	✓ (Touch Panel)	✓ (Touch Panel)	x	x
Image Device	1/6" 960H 3CMOS	1/6" 960H CCD	1/6" 960H CCD	1/5.5" 1152H CCD	1/3" 2144H CCD	1/6" 960H CCD	1/3" 720H 3CCD	1/3" 960H 16:9 3CCD
Progressive/ Interlace	x/✓	x/✓	x/✓	x/✓	x/✓	No/✓	✓/✓	x/✓
Advanced HAD technology	x	✓	✓	✓	✓	✓	✓	x
Number of pixels	Gross: 790K pixels x3	Gross: 800K pixels	Gross: 800K pixels	Gross: 1,070K pixels	Gross: 3310K pixels	Gross: 800K pixels	Gross 450K x 3	Gross 1120K x 3
Number of pixels (Camera mode/Photo mode)	Eff. 670K x3 / 690K x3	Effective 400K/400K	Effective 400K/400K	Effective 690K/1000K	Eff. 2048K/3048K	Eff. 400K/400K	Eff. 400K/400K x3	Eff. 1070K x3
Minimum Illumination(w/NightShot)	7 lux	5 lux (0 lux)	5 lux (0 lux)	7 lux (0 lux)	5 lux (0 lux)	5 lux (-)	1 lux (-)	3 lux (-)
White Balance	Auto/outdoor/indoor/one push	Auto/outdoor/indoor/one push	Auto/outdoor/indoor/one push	Auto/outdoor/indoor/one push	Auto/outdoor/indoor/one push	Auto/outdoor/indoor/one-push	Auto/outdoor/indoor	Auto/one push/preset
Shutter Speed	Auto 1/2,1/5000(ProgramAE)	Auto 1/3,1/3500(ProgramAE)	Auto 1/3,1/3500(ProgramAE)	Auto 1/3,1/3500(ProgramAE)	Auto 1/3,1/3500(ProgramAE)	Auto 1/3,1/3500(ProgramAE)	Auto1/3,1/10000 (Program AE)	Auto1/4,1/10000 (Program AE)
Auto Shutter	✓	✓	✓	✓	✓	✓	✓	✓
Program AE	5 Modes	6 Modes	6 Modes	6 Modes	6 Modes	6 Modes	5 Modes	1 Mode
14bit DXP	✓	✓	x	✓	✓	x	x	14bit HD DXP
Exposure Control	✓ (Touch Panel)	✓ (Touch Panel)	✓ (Touch Panel)	✓ (Touch Panel)	✓	✓	✓	x
Backlight Compensation	✓ (new)	✓	✓	✓	✓	✓	✓	✓
Spot Meter	✓ (Touch Panel)	✓ (Touch Panel)	✓ (Touch Panel)	✓ (Touch Panel)	✓	✓	x	x
Interval Record	✓ (smooth)	x	x	x	x	x	✓	x
Frame Record	✓	x	x	x	x	x	✓	DV only
Zebra Pattern/Guide Frame	✓/✓	x/x	x/x	x/x	x/x	x/x	✓/✓	✓/✓
Custom Title	x	✓	✓	✓	✓	✓	✓	x
Fader	7 Modes	4 Modes	4 Modes	4 Modes	4 Modes	4 Modes	5 Modes	2 Modes
Date/Time Display	✓	✓	✓	✓	✓	✓	✓	✓
SteadyShot	Yes(SuperSteadyShot)	Yes(SuperSteadyShot)	Yes (SuperSteadyShot)	Yes(SuperSteadyShot)	Yes(SuperSteadyShot)	Yes(SuperSteadyShot)	Yes(Super SteadyShot)	Yes(Active Lens)
View FinderB/W or Colour	CVF(123K dots)	BW(123K dots)	CVF(123K dots)	CVF (123K dots)	CVF (123K dots)	CVF (123K dots)	CVF(180K dots)	CVF 16:9(252K dots)
AUDIO								
PCM Digital Stereo	Yes(12/ 16 bit)	Dolby Digital (2Ch)	Dolby Digital (2Ch)	Dolby Digital (2Ch)	Dolby Digital (2Ch)	Dolby Digital (2Ch)	✓ (12/16 bit)	✓ (DV)/x(HDV)
Audio Dub	✓ (Touch Panel)(12 bit)	x	x	x	x	x	✓ (12 bit)	✓ (DV)mic/x(HDV)
Built-in Microphone	✓ (stereo)	✓ (stereo)	✓ (Stereo)	✓ (stereo)	✓ (stereo)	✓ (Stereo)	✓ (Stereo)	✓ (Stereo)
Rec. Level Control (Mic.)	x	x	x	x	x	x	✓	✓
Built-in Speaker	✓	✓	✓	✓	✓	✓	✓	✓
VTR								
Format	DV	DVD-R/-RW/+RW	DVD-R/-RW/+RW	DVD-R/-RW/+RW	DVD-R/-RW/+RW	DVD-R/-RW/+RW	DV	HDV/DV
Frame Advance	✓	x	Slow Scan	Slow Scan	Slow Scan	Slow Scan	✓	✓
Title Search (Cassette Memory)	x	Visual Index	Visual Index	Visual Index	Visual Index	Visual Index	✓	x
On Screen Display	✓ (Line out/LCD)	✓ (Line out/LCD/VF)	✓ (Line out/LCD/VF)	✓ (Line out/LCD/VF)	✓ (Line out/LCD/VF)	✓ (Line out/LCD)	✓ (Line out/LCD/VF)	✓ (Line out/LCD/VF)
Digital Program Editing	x	x	x	x	x	x	✓ (ToTape)	No
Photomovie Create	x	✓	✓	✓	✓	✓	x	x
Signal Convert Function	✓	x	x	x	x	x	✓	✓ (DV)
Playback zoom	✓	✓	✓	✓	✓	✓	x	x
NTSC Playback on PAL TV	x	x	x	x	x	x	✓	-
JACKS								
Video In/Out	-	-	-	-	-	-	✓	✓
S-Video In/Out	-	-	-	-	-	-	✓	✓
Audio In/Out	-	-	-	-	-	-	✓ (Stereo)	✓ (Stereo)
Multi AV (Video in/out, Svideo in/out, Audio in/out)	✓	✓ (out only)	✓	✓	✓	✓	x	x
Interface Connector (for cradle)	✓	x	x	x	x	x	x	x
i.LINK DV In/Out	✓ (on Cradle)	x/x	x/x	x/x	x/x	x/x	✓/✓	✓/✓
External Mic. Input/Head Phone Jack	x/x	x/x	x/x	x/x	x/x	x/x	✓/✓	✓/✓
LANC Terminal	✓ (Stereo MiniMini Jack)	x	Remote	Remote	x	x	✓	✓
USB Terminal	✓ (on Cradle)	x	✓ (mini B)	✓ (mini B)	✓ (miniB)	✓	x	x
DC In	✓	✓	✓	✓	✓	✓	✓	✓
LCD MONITOR								
Size	2.7"(16:9 6.9cm)	2.5"(6.2cm)	2.5"(6.2cm)	2.7" (6.8cm)	2.7"(6.8cm)	2.5"(6.2cm)	2.5"(6.2cm)	3.5"(16:9)
Pixels	123K dots	123K dots	123K dots	123K dots	123K dots	123K dots	211K dots	250K dots
Hybrid/Touch panel LCD	✓/✓	✓/✓	✓/✓	✓/✓	✓/✓	✓/✓	✓/x	✓/x
OTHERS								
Built in Video Light/Flash Light	x/✓	x/x	x/x	x/x	x/✓	x/x	x/x	x/x
16:9 Wide	✓ (High Quality)	✓	✓	✓ (High Quality)	✓ (High Quality)	✓	✓	✓ (High Quality)
Accessory shoe	✓ (AIS)	✓ (AIS)	✓ (AIS)	✓ (AIS)	✓ (AIS)	x	✓ (Intelligent)	✓
Digital Effects/Picture Effects	8 modes/6 modes	2 modes/4 modes	2 modes/4 modes	2 Modes/4 Modes	2 Modes/4 Modes	2 Modes/4 Modes	6 Modes/6 Modes	1 Mode
USB Streaming	DV Streaming	x	x	x	x	x	x	x
Direct Access to "Click to DVD"/VCD Burn	✓/x	x/x	x/x	x/x	x/x	x/x	x/x	x/x
Pictbridge	✓	x	x	x	x	x	x	x
Weight(W/O Tape/Batt., etc.) g	400g	440g	440g	440g	520g	360g	1.5kg	2kg
Dimensions(WxHxD) mm	54.5x117.1x102.1	57x87x131	57x87x131	57x87x131	62x93x133	127x101x49	120x159x393	151x181x365
Memory Stick								
Recording media MS/MSPRO/MSDuo/MSPRODuo	x/x/Yes/Yes	-	-	-	-	-	✓/x/x/x	-
Still Image								
Image Size	1920x1440/1600x1200/640x480	640x480 (VGA)	640x480 (VGA)	1152x864/640x480(VGA)	2016x1512/640x480 (VGA)	640x480(VGA)	640x480(VGA)	-
Compression	JPEG	JPEG	JPEG	JPEG	JPEG	JPEG	JPEG	-
Tape To Memory Stick Rec	✓ (VGA only)	-	-	-	-	x	✓ (VGA only)	-
Memory Stick to Tape Rec	x	-	-	-	-	x	✓ (VGA only)	-
Burst record	✓ (3x5x25)	x	x	✓	✓	x	✓	-
Slide Show	✓ (Menu)	✓ (Menu)	✓	✓	✓	✓	✓	-
MPEG MOVIE								
Format	MPEG1(MOVIE EX)	-	-	-	-	-	-	-
Presentation(320x240)/ Video mail(160x112) Resolution	✓/✓	-	-	-	-	-	-	-
Audio	✓ (MPEG)	-	-	-	-	-	-	-
Supplied Accessory								
AC adaptor	AC-L200	AC-L25	AC-L25	AC-L25	AC-L25	AC-L200	AC-L15	AC-L15
Rechargeable Battery Pack	NPFA50	NPFP50	NPFP50	NPFP50	NPFP70	NP-FA50	NP-F330	NP-F570
Wireless Remote Commander +AA Batt	RMT-831	RMT-835	RMT-835	RMT-835	RMT-835	RMT-835	RMT-811	RMT-840
AV Cable	Special (Stereo AV)	Special (Stereo AV)	Special (Stereo AV)	Special (Stereo AV)	Special (Stereo AV)	Special (Stereo AV)	Stereo AV	Stereo AV
Lens Cap / Shoulder Strap	-/✓	Auto/✓	Auto/✓	Auto/✓	Auto/Yes	Auto/Wrist	✓/✓	Auto/✓
Memory Stick / Duo Adaptor	Duo 16MB/✓	-	-	-	-	-	8MB/x	x
Picture Package/Image Mixer VCD2/ USB Driver(CD-ROM)/USB Cable	✓	✓	✓	✓	✓	✓	-	-
Battery Life								
With Viewfinder/ With LCD (Continous recording with fully charged battery)	NPFA50 95/85min NPFA70 175/160min	NPFP50 90/80min NPFP71 230/200min NPFP90 345/300min	NPFP50 90/80min NPFP71 230/200min NPFP90 345/300min	NPFP50 90/75 min NPFP70 190/160 min NPFP90 345/290min	NPFP70 130/120min NPFP90 235/215min	NPFA50 90/100min NPFA70 170/190min	NPF330 70/60min NPF550 145/130min NPF750 305/265min NPF960 560/480min	NPF570 125/115 min NPF770 260/235min NPF970 390/365min

Wega Theatre - Plasma

DRCP = DRC Progressive

	KE-MV42A1	KE-MX37S1	KE-MX42S1	KE-MR50S2	KE-MR61S2
General					
Screen size (viewable)	42"	37"	42"	50"	61"
Screen type	16:9 widescreen	16:9 widescreen	16:9 widescreen	16:9 widescreen	16:9 widescreen
Display technology	Progressive plasma panel	ALIS plasma panel	ALIS plasma panel	Progressive plasma panel	Progressive plasma panel
Display resolution	VGA (852x480)	XGA (1024x1024)	XGA (1024x1024)	W-XGA (1365x768)	W-XGA (1365x768)
Number of pixels	408,960	1,048,576	1,048,576	1,048,320	1,048,320
Displayable colours	1.07 billion	1.07 billion	1.07 billion	1.07 billion	1.07 billion
HD (High definition) 1080i signal ready	✓ (1080i/720P/576P/480P)	✓ (1080i/720P/576P/480P)	✓ (1080i/720P/576P/480P)	✓ (1080i/720P/576P/480P)	✓ (1080i/720P/576P/480P)
Colour system					
Integrated TV tuner	PAL - B/G, D/K, I	PAL - B/G, D/K, I	PAL - B/G, D/K, I	PAL-D/K,B/G,I,NTSC-M	AL-D/K,B/G,I,NTSC-M
PAL, PAL60, SECAM, NTSC signal playback	✓	✓	✓	✓	✓
Picture					
Picture processing circuit	WEGA Engine	WEGA Engine	WEGA Engine	WEGA Engine	WEGA Engine
Full 100% digital picture processing	✓	✓	✓	✓	✓
14-bit panel driver IC	✓	✓	✓	✓	✓
Panel Driver IC contrast optimizer	✓	✓	✓	✓	✓
Level of gradations	1024 levels	1024 levels	1024 levels	1024 levels	1024 levels
Digital Reality Creation (DRC) enhancement	✓	✓	✓	✓	✓
DRC modes	Integrated	DRC1250/DRCP	DRC1250/DRCP	DRC1250/DRCP	DRC1250/DRCP
DRC Palette customization	x	✓	✓	✓	✓
MID Detail Enhancer Circuit	✓	✓	✓	✓	✓
3D Digital comb filter	✓	✓	✓	✓	✓
Progressive / HD signal compatible	✓	✓	✓	✓	✓
Picture Modes (TV / Video input)	3 modes	4 modes	4 modes	4 modes	4 modes
Colour temperature adjustment	✓	✓	✓	✓	✓
Sound					
Nicam stereo reception	✓	✓	✓	✓	✓
Surround sound	Dolby Virtual	TruSurround SRS	TruSurround SRS	TruSurround SRS	TruSurround SRS
BBE Sound Enhancement	x	✓	✓	✓	✓
Steady Sound / Intelligent Volume	✓	✓	✓	✓	✓
Sound modes	3 modes	4 modes	4 modes	4 modes	4 modes
Bass / Treble sound equalizer	✓	✓	✓	✓	✓
Main speakers	Twin - full range	Twin full range+twin tweeter	Twin full range+twin tweeter	Twin full range+twin tweeter	Twin full range+twin tweeter
Total Power output	20W	30W	30W	30W	30W
Detachable speakers	x	x	x	x	✓
Convenience					
Picture and Picture	x	x	x	✓	✓
Picture Freeze	✓	x	x	✓	✓
Media receiver unit	x	x	x	✓ (MBT-MR2)	✓ (MBT-MR2)
Memory Stick slot	x	✓	✓	✓	✓
JPEG images and MPEG1 slideshow playback	x	✓	✓	✓	✓
Fastext	✓	✓	✓	✓	✓
Screen savers	All White/Orbit	All White / Orbit	All White / Orbit	All White / Orbit	All White / Orbit
ECO mode	✓	✓	✓	✓	✓
Center speaker input	✓	✓	✓	✓	✓
Illuminated Sony logo (dimmable)	-	✓	✓	✓	✓
AV terminals					
Composite video inputs	Rear x2/Front x1	Rear x3/Front x1	Rear x3/Front x1	Rear x3/Front x1	Rear x3/Front x1
S-video inputs	Rear x1/Front x1	Rear x2/Front x1	Rear x2/Front x1	Rear x2/Front x1	Rear x3/Front x1
HD/DVD component input	Rear x 2	Rear x 2	Rear x 2	Rear x 2	Rear x 2
Headphone jack	✓	✓	✓	✓	✓
Center speaker input	✓	✓	✓	✓	✓
Monitor AV output	Rear x 1	Rear x 1	Rear x 1	Rear x 1	Rear x 1
Control-S	-	✓	✓	✓	✓
Subwoofer output	-	✓	✓	✓	✓
Other					
Optional cabinet	SUMV42/FP Cabinet	SUPF2/SUPT2	SUPF2/SUPT2	SUPF1/FP Cabinet	SUPF1/FP Cabinet
Optional wallmount bracket	SUPW2	SUPW2	SUPW2	SUPW2	SUPW2
Power requirements	AC 110-240V 50/60Hz	AC 220-240V 50/60Hz	AC 220-240V 50/60Hz	AC 220-240V 50/60Hz	AC 220-240V 50/60Hz
Power consumption	365W	390W	430W	473W(D)/39W (MRU)	705W(D)/39W(MRU)
Dimensions (WxHxD)	WS:1075x826x312 WOS:1075x750x110	WOS:1135x617x110	WOS:1229x678x110	WOS:1573x856x108	WOS:1797x937x110
Dimensions (media receiver unit)	-	-	-	430x79x343	430x79x343
Weight	With Stand:45 kg Without Stand:39.5 kg	Without Stand:33Kg	Without Stand:38Kg	WOS:53kg/ MR unit:4.7kg	WOS:71kg/ MR unit:4.7kg

Wega Theatre - VCR

	EZ745
Inputs/Outputs	
Line Input	2
Line Output	1
General	
Heads	6
Mono/Stereo	Stereo
Long Play/Record	✓
NTSC Playback	✓
NTSC Record	✓
Auto Setup/Tuning	✓
80 Station Preset	✓
Easy Timer Recording	✓
Just Record	✓
One Touch Timer	✓
Index Search Scan	✓
High Speed Rewind	✓
Digital Auto Tracking	✓
Intelligent Picture Control	✓
Picture Sharpness Control	✓
VHF/UHF Tuner	✓
FR Picture Search	✓
Index Search	✓
Double Speed Playback	✓
Slow Motion Playback	✓
24Hr Clock Display	✓
Linear Time Counter	✓
Auto Head Cleaner	✓
On Screen Help Message	✓
Other	
Remote Control	✓
Power Requirements	220-240V, AC 50Hz
Dimensions (WxHxD)mm	430x96x253
Weight (kg)	3.1kg

Wega Theatre - TV

F= Front, R=Rear, VS=Via Scart

	HR36	FX432	FW46	FW51	FWS57
Screen Size	86cm	108cm	116cm	130cm	145cm
WEGA Screen Type	FD Trinitron	Rear projection	Rear Projection	Rear Projection	Rear Projection
Inputs/Outputs					
AV Inputs	1 F, 3 R	1F,3R (4)	1 F, 3 R	1 F, 3 R	1 F, 3 R
DVD Component Input	2 R	2R	2 R	2 R	2 R
S-Video Terminal	1 F, 1 R	1F / 1R	1 F, 1 R	1 F, 1 R	1 F, 1 R
Monitor Outputs	1 R	1R	1 R	1 R	1 R
Headphone/Earphone Jack	✓	✓	✓	✓	✓
RGB Input	1 R	1R	1 R	1 R	1 R
Memory Stick Slot	✓	✓	✓	✓	✓
HD Ready	✓	✓	✓	✓	✓
Audio					
Nicam	✓	✓	✓	✓	✓
BBE	✓	x	✓	✓	✓
DBFB	x	✓	x	x	x
Intelligent Volume	✓	✓	✓	✓	✓
Sound Mix Terminal	x	x	x	x	x
5 Band Graphic Equalizer	x	✓	x	x	x
General					
DRC 1250	✓	✓	✓	✓	✓
DRC 100	✓	✓	✓	✓	✓
DRC Progressive	✓	x	✓	✓	✓
DRC Palette	✓	✓	x	x	x
Super Fine Pitch Aperature Grille	✓	x	x	x	x
Intelligent Picture	✓	✓	✓	✓	✓
V Compression	✓	✓	Wide	Wide	Wide
3-2 Pull Down	✓	✓	✓	✓	✓
Color Temperature Control	✓	✓	✓	✓	✓
Digital Comb Filter	✓	✓	✓	✓	✓
3D Noise Reduction	✓	✓	✓	✓	✓
PIP/ PAP	✓	✓	PAP	PAP	PAP
Auto Program / Manual	✓	✓	✓	✓	✓
Fine Tuning	✓	✓	✓	✓	✓
Power VM	✓	✓	✓	✓	✓
WEGA Engine	✓	✓	✓	✓	✓
Cinema Drive Mode	✓	x	x	x	x
Digital Quick Focus	x	✓	✓	✓	✓
Multi Image Driver	✓	✓	✓	✓	✓
Picture Rotation	✓	✓	x	x	x
Wake UP/ Sleep Timer	✓	✓	✓	✓	✓
On Screen Display	✓	✓	✓	✓	✓
Child Lock	✓	✓	✓	✓	✓
Game Mode	✓	✓	✓	✓	✓
Eco Mode	✓	✓	✓	✓	✓
Teletext	✓	✓	✓	✓	✓
Other					
TV Colour Multi System	Multi System	✓	Multi System	Multi System	Multi System
Remote Control	✓	✓	✓	✓	✓
Power Requirements	220-240V AC, 50/60Hz	220–240V AC, 50/60Hz	220-240V AC, 50/60Hz	220-240V AC, 50/60Hz	220-240V AC, 50/60Hz
Dimensions (WxHxD)mm	994x650x605	926x1255x534	1086x1186x580	1194x1350x650	1360x1395x688
Weight (kg)	88kg	62kg	66kg	78kg	92kg

Wega Theatre - TV

F= Front, R=Rear, VS=Via Scart

	BM142	BM212	AR212	SW25	SW29	SA28	SA32	DA32
Screen Size (viewable)	34cm	51cm	51cm	59cm	68cm	66cm	76cm	76cm
WEGA Screen Type	FD Trinitron	FD Trinitron	FD Trinitron	FD Trinitron	FD Trinitron	FD Trinitron	FD Trinitron	FD Trinitron
Inputs/Outputs								
AV Inputs	1F/1R	1F/1R	1F/1R	1F/ 2R (3)	1F / 2R (3)	1F / 3R (4)	1F / 3R (4)	1F,3R (4)
DVD Component Input	x	x	✓	1R	1R	1R	1R	2R
S-Video Terminal	x	x	✓	1R	1R	1F / 1R	1F / 1R	1F / 1R
Monitor Outputs	1R	1R	1R	1R	1R	1R	1R	1R
Headphone/Earphone Jack	✓	✓	✓	✓	✓	✓	✓	✓
HD / RGB Input	x	x	x	x	x	x	x	1R
Memory Stick Slot	x	x	x	x	x	x	x	x
HD Signal Ready	x	x	x	x	x	x	x	✓
Audio								
Nicam stereo	x	x	✓	✓	✓	✓	✓	✓
Mono	✓	✓	x	x	x	x	x	x
BBE	x	x	✓	x	x	✓	✓	✓
Intelligent Volume	✓	✓	✓	✓	✓	✓	✓	✓
Sound Mix Terminal	✓	✓	x	x	x	x	x	x
5 Band Graphic Equalizer	x	x	✓	✓	✓	✓	✓	✓
Centre Speaker Input	x	x	x	x	x	1R	1R	1R
General								
DRC 1250	x	x	x	x	x	x	x	✓
DRC 100	x	x	x	x	x		x	✓
DRC Progressive	x	x	x	x	x	x	x	✓
DRC Palette	x	x	x	x	x	x	x	x
Finer Pitch Aperture Grille	✓	✓	✓	✓	✓	✓	✓	✓
Intelligent Picture	✓	✓	✓	✓	✓	✓	✓	✓
V Compression	x	x	x	✓	✓	Wide mode	Wide mode	Wide mode
Progressive signal compatible	x	x	x	x	x	x	x	✓
Colour Temperature Control	✓	✓	✓	✓	✓	✓	✓	✓
3D Digital Comb Filter	x	x	x	x	x	✓	✓	✓
3D Noise Reduction	x	x	x	x	x	✓	✓	✓
PIP / PAP	x	x	x	x	x	✓ / x	✓ / x	x / ✓
Auto Program / Manual	✓	✓	✓	✓	✓	✓	✓	✓
Fine Tuning	✓	✓	✓	✓	✓	✓	✓	✓
Power VM	x	x	x	✓	✓	✓	✓	✓
WEGA Engine	x	x	x	x	x	x	x	✓
Cinema Drive Mode	x	x	x	x	x	x	x	✓
Digital Quick Focus	x	x	x	x	x	x	x	x
Program Index	x	x	x	x	x	x	x	✓
Picture Rotation	✓	✓	✓	✓	✓	✓	✓	✓
Wake Up / Sleep Timer	✓	✓	✓	✓	✓	✓	✓	✓
On Screen Display	✓	✓	✓	✓	✓	✓	✓	✓
Channel Lock	x	x	x	✓	✓	✓	✓	✓
Eco Mode	x	x	x	x	x	x	x	✓
Teletext				✓	✓	✓	✓	✓
Other								
TV Colour Multi System	✓	✓	✓	✓	✓	✓	✓	✓
Remote Control	✓	✓	✓	✓	✓	✓	✓	✓
Power Requirements	220-240V AC, 50/60Hz	220-240V AC, 50/60Hz	220-240V AC, 50/60Hz	RM-W103 220–240V AC, 50/60Hz	RM-W103 220–240V AC, 50/60Hz	RM-W107 220–240V AC, 50/60Hz	RM-W107 220–240V AC, 50/60Hz	RM-W105 220–240V AC, 50/60Hz
Dimensions (WxHxD)mm	347x355x420	497x461x487	589x463x479	696 x 517 x 522	780 x 583 x 523	786 x 504 x 544	895 x 575 x 596	895 x 575 x 596
Weight (kg)	12kg	23kg	27kg			45	62	62

Wega Theatre - DVD

F= Front

	DVPNS50PB/PS	DVPNS52P	DVPK870P	DVPNC62K	DVPNS955V
Single Disc / Multi Disc	Single	Single	Single	Multi	Multi
Media compatibility					
CD-R / CD-RW	✔	✔	✔	✔	✔
DVD+R / DVD+R DL / DVD-R	✔	✔	✔	✔	✔
DVD+RW / DVD-RW	✔	✔	✔	✔	✔
Format compatibility					
VCD / SVCD	✔	✔	✔	✔	✔
MP3 (CD-R/CD-RW/DVD)	✔	✔	✔	✔	✔
JPEG Photo (CD-R/CD-RW/DVD)	✔	✔	✔	✔	✔
DivX video	x	✔	x	✔	✔
SACD	x	x	x	x	✔
Video					
Custom picture modes	✔	✔	✔	✔	✔
Sharpness adjustment	✔	✔	✔	✔	✔
Block Noise Reduction	✔	✔	✔	✔	✔
PAL / NTSC Precision Cinema Progressive	✔	✔	✔	✔	✔
Video DAC	12bit/108MHz	12bit/108MHz	12bit/54MHz	12bit/108MHz	12bit/108MHz
Audio					
DTS Digital output	✔	✔	✔	✔	✔
Dolby Digital and DTS 5.1 output	x	x	x	x	x
Super Audio CD 5.1 output	x	x	x	x	x
VC24 filter	x	x	x	x	x
TV Virtual Surround modes	✔	✔	✔	✔	✔
Audio DAC	24bit/192KHz	24bit/192KHz	24bit/192KHz	24bit/192KHz	24bit/192KHz
General					
Precision Drive Pro mechanism	✔	✔	✔	✔	✔
DVD / CD Text	✔	✔	✔	✔	✔
Aluminium front panel	x	x	x	x	✔
Easy Quick Setup	✔	✔	✔	✔	✔
Multi disc resume	Up to 6 discs	Up to 6 discs	Up to 6 discs	Up to 6 discs	Up to 40 discs
Child lock	✔	✔	✔	✔	✔
Custom parental control	Up to 40 discs	Up to 40 discs	Up to 40 discs	Up to 40 discs	Up to 40 discs
Slow / Fast Play with sound	✔	✔	✔	✔	✔
Screen Saver	✔	✔	✔	✔	✔
Audio / Video Bitrate indicator	✔	✔	✔	✔	✔
Layer indicator	✔	✔	✔	✔	✔
Multi Picture Navigation	✔	✔	✔	✔	✔
AV Sync adjustment	x	x	x	✔	✔
Limited Multi-brand TV remote	✔	✔	✔	✔	✔
Karaoke function	n/a	n/a	✔	✔	✔
Vocal select	n/a	n/a	✔	✔	✔
Karaoke Pon	n/a	n/a	✔	✔	✔
Karaoke key control	n/a	n/a	✔	✔	✔
On screen menu language	European 13	European 13	Eng/Chinese/Thai	Eng/Chinese/Thai	Eng/Chinese/Thai
Other					
Composite Video output	1	1	1	1	2 (gold)
S-Video output	1	1	1	1	2 (gold)
Component video output	1	1	1	1	1 (gold)
Analog 2ch output	1	1	1	1	2 (gold)
Coaxial / Optical digital output	1/1	1/1	1/1	1/1	1/1
Analog audio 5.1 output	x	x	x	x	✔ (gold)
SCART output	x	x	x	x	✔
Microphone input	x	x	✔	2	x
Dimensions (WxHxD)	430x43x237.2mm	430x43x237.2mm	428x55.5x239	430x83x416mm	430x55.5x237mm
Weight	1.92Kg	1.92Kg	2.1Kg	4.4Kg	2.3Kg

Wega Theatre - DVD/VCR Combo

	SLVD940P
Inputs/outputs	
Line input	2(1 Front, 1 Rear)
Line output	1 (Rear)
S-Video Output	1
Comopnent Output	1
DVD Audio Output	1
DVD Coax Audio Out	1
DVD Optical Out	1
Audio system	
Record	Nicam Stereo
Playback	Stereo
Video system	
Format	PAL
Record mode	(PAL)SP,LP
Playback mode	(NTSC)SP,LP,EP, (PAL)SP,LP
General	
Power requirements	220-240V, AC 50Hz
Power consumption	17W
Heads	6
Long play/record	✔
NTSC playback	✔
NTSC record	✔
Auto setup/tuning	✔
80 station preset	✔
Easy timer recording	✔
Just record	✔
One touch timer	✔
Index search scan	✔
High speed rewind	✔
Digital auto tracking	✔
Intelligent picture control	✔
Picture sharpness control	✔
VHF/UHF tuner	✔
FR picture search	✔
Index search	✔
Double speed playback	✔
Slow motion playback	✔
24hr clock display	✔
Linear time counter	✔
Auto head cleaner	✔
On screen help message	✔
Remote control - supplied	✔
Dimensions (WxHxD)	430x96x253mm
Weight	3.1kg

Wega Theatre - DVD Recorders

*(HDD/HQ/HSP/SP/LSP/LP/EP/SLP/SEP)

			RDRGX210	RDRHX710	RDRHX910
System	Support Format for RECORDING (12cm only)	HDD	N	160GB	250GB
		DVD-R/RW (Video Format)	✓	✓	✓
		DVD-RW (VR Format) with CPRM	✓	✓	✓
		DVD+R	✓	✓	✓
		DVD+R Double-Layer / DVD+RW	N/✓	✓/✓	✓/✓
	Support Format for PLAYBACK	DVD-Video	✓	✓	✓
		CD	✓	✓	✓
		VCD / Super VCD	✓/✓	✓/✓	✓/✓
		DVD-R/RW (Video Format)	✓	✓	✓
		DVD-RW (VR Format)	✓	✓	✓
		DVD+R	✓	✓	✓
		DVD+R Double-Layer		✓	✓
		DVD+RW	✓	✓	✓
		CD-R/RW	✓	✓	✓
		MP3(CD-R/RW)	✓	✓	✓
		JPEG(CD-R/RW)(DVD+-R/RW)	✓/-	✓/✓	✓/✓
	Colour System	For Recording	PAL	PAL	PAL
		For Playback	PAL/NTSC	PAL/NTSC	PAL/NTSC
Recording Features	Timer Programming	G Code programming	✓	✓	✓
		Numbers of Events	7	30	30
		Quick timer	✓	✓	✓
		Synchro Record	N	✓	✓
	Others	*Teletext Title Download (when available)*	N	✓	✓
		Contents Move (CPRM)	N	✓	✓
		Intelligent Scene Chaptering	N	✓	✓
		Rec mode adjust	✓	✓	✓
		Rec Mode Variation	HQ/SP/EP/SLP	HQ+*see above	HQ+*see above
Picture Quality	Video DAC		-	12bit/108MHz	12bit/108MHz
	Progressive Scan Output (PAL/NTSC)		PAL/NTSC	Precision Cinema Progressive	Precision Cinema Progressive
	TBC (Time Base Corrector)		-	✓	✓
	Variable Bitrate recording) / HQ+ (15Mbps) Rec mode (HDDonly)		✓/-	✓/✓	✓/✓
	Dynamic VBR dubbing (HDD to DVD) / D-Matrix Noise Reduction (Frame NR/Block NR/Mosquito NR)		-/-	✓/✓	✓/✓
	Video Equalizer		N	✓	✓
Audio	Audio DAC	Dynamic	96kHz/24bit	192kHz/24bit	192kHz/24bit
	TV Virtual Surround (2ch)	Wide / Night / Standard / DV Input	✓/-/-/-/1	✓/✓/✓/✓/1	✓/✓/✓/✓/1
Terminal	Input	Component Video Input / S-Video Input	1/1	1/1	1/1
		Video Input / Component Video Output	2/1(rear)	3/1	3/1
	Output	S-Video Output / Video Output	1/1	1/1	1/1
		Audio Output / Optical Digital Audio Output	1/1	1/1	1/1
		Coaxial Digital Audio Output	1	1	1
Playback		Chasing Playback / Simultaneous Rec and Playback (HDD and DVD-RW VR mode)	N/N	✓/✓	✓/✓
		Visual Search / Pause Live TV	N/N	✓/✓	✓/✓
		Fast Playback with Sound / AV Sync	N/N	✓ *see below/✓	✓ *see below/✓
		HDD Playlist / Instant Replay	-/✓	✓/✓	✓/✓
		Instant Advance / P in P / Zoom	✓/✓/✓	✓/-/-	✓/-/-
		Easy Chapter Edit (HDD and DVD-RW VR mode)	✓	✓	✓
	Edit	Title Divide (HDD and DVD-RW VR mode)	✓	✓	✓
		One Touch Dubbing (DV to Recorder via DV Terminal)	-	✓	✓
		High Speed Dubbing (Max 64X, HDD to DVD)	-	✓	✓
	Others	Quick Start-up/Quick Response GUI / Title list Zoom in/out	-/-	✓/✓	✓/✓
		"New" mark on unwatched title / Quick Setup	-/-	✓/✓	✓/✓
		Tray Lock / Child Lock	-/✓	✓/✓	✓/✓
		Custom Parental Control / DVD-RW Unfinalize	✓/✓	✓/✓	✓/✓
Specification	Dimensions (approx.)		W430xH76.5xD280mm	W430xH75xD328mm	W430xH75xD328mm
	Mass (approx.)		3.6kg	5.0kg	5.0kg

*(1.5X, only on HDD)

Wega Theatre - DAVS

	DAVLF1	DAVSR4W	DAVSB500W	DAVSB300	DAVDX150
Main Unit					
Output Power (RMS 10%THD)	86W x 5	114W x 5	96W x 5	96W x 5	120W x 5
Dimensions (WxHxD)mm	568 x 200 x 120	430x60x385	430x70x384	430x70x384	430 x 88 x 415
Configuration	Floating glass design	Slimline design			5 Disc DVD/CD
Front Speakers					
Output Power (RMS)	86W	114W	96W	96W	120W
Dimensions (WxHxD)mm	300x1205x300	90x1113x75	98x1107x79	98x1107x79	90 x 132 x 107
Configuration	2-Way Floor Standing	2-Way Floor Standing	1-Way Floor Standing	1-Way Floor Standing	1 Way Micro Satellite
Rear Speakers					
Output Power (RMS)	86W	114W	96W	96W	120W
Dimensions (WxHxD)mm	300x1205x300	90x1113x75	98x1107x79	98x1107x79	90 x 132 x 107
Configuration	S-DIAT Wireless	S-DIAT Wireless	S-DIAT Wireless	1-Way Floor Standing	1 Way Micro Satellite
Centre Speaker					
Output Power (RMS)	86W	114W	96W	96W	120W
Dimensions (WxHxD)mm	470x170x81	356x92x76	290x99x79	290x99x79	200 x 92 x 107
Configuration	2-Way				1 Way Full Range
Subwoofer					
Output Power (RMS)	170W	115W x 2	170W	170W	120W
Dimensions (WxHxD)mm	24x606x241	201x369x449	173x380x402	173x380x402	200 x 312 x 321
DVD/SACD/CD Player	✓/✓/✓	✓/✓/✓	✓/✓/✓	✓/✓/✓	✓/N/✓
Dolby Prologic II, Dolby Digital, DCS & DTS Processor Built-In	✓/✓/✓	✓/✓/✓/✓	✓/✓/x/✓	✓/✓/x/✓	✓/✓/N/✓
S-Master Digital Amplifier	✓	✓	✓	✓	✓
Program, Shuffle Play, Disc Repeat, Title Repeat, Chapter Repeat (DVD)	✓	✓	✓	✓	✓
DVD-R/RW Video Mode*	✓ (VR mode also)	✓	✓	✓	✓ (VR mode also)
DVD+R/RW Playback*	✓	✓	✓	✓	✓
CD-R/CD-RW/MP3/JPEG Playback	✓/✓/✓/✓	✓/✓/✓/✓	✓/✓/✓/✓	✓/✓/✓/✓	✓/✓/✓/✓
DiVX Playback	x	x	x	x	✓
Progressive Scan (PAL & NTSC)	✓ (NTSC only)	✓ (NTSC only)	✓ (NTSC only)	✓ (NTSC only)	✓
AM/FM Tuner with 30 Presets	✓	✓	✓	✓	✓
Analogue Line In/Out	2/0	2/0	2/0	2/0	1/0
Video Signal In/Out	✓ (2)	x	x	x	0/3
Digital Audio Line	✓ (optical)	✓ (optical)	x	x	x
Video/S-Video Output	✓	✓	✓	✓	✓
Component Out	✓	✓	✓	✓	✓
Headphone Jack (3.5mm)	✓ (3.5mm)	✓	✓	✓	✓
Wall Mountable Speakers	✓	✓	x	x	✓
Changeable Speaker Wire	✓	✓	✓	✓	✓
Remote Commander:	✓ (Pre Programmed)	✓ (Pre Programmed)	✓ (Pre Programmed)	✓ (Pre Programmed)	✓
Sony TV Direct Key (Theatre Sync)	✓	✓	✓	✓	✓
Total Weight (kg)	44.7	32.5	27.4	25.9	12.8
Optional Accessories:					
WSDAV10	x	✓	x	x	x
WSFV11	x	x	x	x	✓
WSWV10D	x	x	x	x	✓
WSDAVLFS	✓	x	x	x	x
WSDAVLFM	✓	x	x	x	x

* Some disks may not work

Wega Theatre - Home Theatre in a Box

	HTDDW1000	HTDDW760	HTDDW670
Receiver			
Power Output (8 Ohms, 20Hz-20kHz at rated THD)	130W x 6	85W x 5	85W x 5
Dolby Digital/DTS	✓/✓	✓/✓	✓/✓
DTS ES	✓	x	x
DTS 96/24	✓	x	x
Dolby Pro Logic II	✓	✓	✓
Dolby Pro Logic IIx	✓	x	x
Sony's Exclusive Digital Cinema Sound (DCS)	✓	✓	✓
Cinema Studio EX	✓	✓	✓
32-Bit DSP Decoder	✓	✓	✓
Multi-Channel Input	✓	-	-
Multi-Channel pre-amp output	6.1	5.1	5.1
HD Component Inputs/outputs	2/1	-	-
Audio In/Out	2/1	2/1	4/0
Analogue In/Out	4/1	3/1	-
Digital Input: Optical/Coax	2/1	1/1	1/1
30 Station AM/FM Tuner	✓	✓	✓
Headphone Jack	✓	✓	✓
AV Sync	✓	x	✓
Dimensions (WxHxD)mm	430x157.5x310	430x145x301.5	430x301.5x145
Weight (kg)	8	6.5	6.5
Multi-brand Remote Control	✓	✓	✓
Front			
Speaker Unit	16cm x 2 + Horn TW	8cm x 1	7cm x 1
Maximum Power Handling	130W	100W	85W
Sensitivity		85dB	
Impedance		6	
Dimensions (WxHxD)mm	250x950x272.5	102x150x126.4	91x96x102
Weight (kg/each)	13.5	0.8	0.65
Centre			
Speaker Unit	10cm x 2 + Horn TW	8cm x 1	7cm x 1
Maximum Power Handling	130W	100W	85W
Sensitivity		85dB	
Impedance		6	
Dimensions (WxHxD)mm	514x174x219	225x102x125.9	155x96x102
Weight (kg)	5.6	1	0.75
Rear			
Speaker Unit	10cm x 1	8cm x 1	8cm x 1
Maximum Power Handling	130W	100W	85W
Sensitivity		85dB	
Impedance		6	
Dimensions (WxHxD)mm	171x216x149	102x150x126.4	91x96x102
Weight (kg/each)	2.2	0.8	0.6
Subwoofer			
Speaker System	Active	Active	Passive
Woofer	20cm	20cm	20cm
Frequency Response			
Maximum Power Handling	110W	100W	85W
Volume Level Control		✓	x
Dimensions (WxHxD)mm	290x355x387	270x325x398	270x325x333
Weight (kg)	11.5	9	6
Rated Frequency Range		28Hz-20kHz	
Magnetically Shielded	✓ (excluding rears)	✓ (excluding rears)	✓ (excluding rears)
Design	Bass Reflex	Bass Reflex	Bass Reflex
Speaker Cable Supplied	✓	✓	✓
Weight (kg - Total)	70.2 (approx)	19.7 (approx)	15.25 (approx)

Wega Theatre - Receivers

* 9.1 Channel Capable

	TADA9000ES/G	STRDA5000ES/G	STRDB795/S	STRDE698B/S	STRDE598B/S	STRDE497S
Surround Power Output (8 Ohms, 20Hz-20kHz at rated THD)	200W x 7	170W x 7	120W x 6	110W x 7	110W x 6	80W X 5
Amplifier						
THD at rated power output	0.15%	0.8%	0.8%	0.09%	0.09%	0.7%
S-Master-Pro Amplification	✓	✓	✓	x	x	x
24-bit/96kHz Digital to Analogue Converter	✓	✓	✓	✓	✓	✓
DC Phase Linealiser	6 positions + off	3 positions + off	3 positions + off	x	x	x
4 Ohm / 8 Ohm Switching	✓	x	x	✓	x	x
32-Bit DSP Decoder	✓ (2)	✓ (2)	✓	✓	✓	✓
Subwoofer Crossover	x	x	x	9 points	9 points	x
Speaker A & B Switching	✓	✓	✓	✓	✓	✓
Speaker binding Posts	✓	✓	✓	✓	✓ (speaker A only)	✓ (speaker A only)
Headphone Jack	✓	✓	✓	✓	✓	✓
Cinema Studio EX (3 modes)	✓	✓	✓	✓	✓	✓
Decoding Formats						
Dolby Digital/DTS	✓/✓	✓/✓	✓/✓	✓/✓	✓/✓	✓/✓
Dolby Digital EX	✓	✓	✓	✓	✓	x
DTS ES	✓	✓	✓	✓	✓	x
DTS 96/24	✓	✓	✓	✓	✓	x
Dolby Pro Logic II/Dolby Pro Logic IIx	✓/x	✓/x	✓/x	✓/✓	✓/✓	✓/x
DTS NEO:6	✓	✓	✓	✓	✓	x
Sony s Exclusive Digital Cinema Sound (DCS)	✓	✓	✓	✓	✓	✓
Inputs & Outputs						
HD Component Inputs/outputs	3/1	2/1	2/1	2/1	2/1	2/1
S-Video Inputs/Outputs	7/3	4/2	3/1	-	-	-
Composite Inputs/Outputs	7/3	4/2	4/2	3/1	3/1	3/1
Digital Input: Optical/Coax/i.Link	6/5/1	5/2/0	3/1/0	4/2/0	2/1/0	2/1/0
Digital Output: Optical	2	1	1	1	-	-
Front AV Input with optical digital audio	✓	✓	✓	✓	✓ (no optical)	x
Phono Stage	✓	✓	✓	✓	x	x
Multi-Channel Input	7.1 (x2) *	7.1, 5.1	6.1, 5.1	5.1	5.1	5.1
Multi-Channel pre-amp output	✓ (7.1)	subwoofer	subwoofer	subwoofer	subwoofer	subwoofer
Video Features						
Video Upconversion: S-Video/Component	✓/✓	✓/✓	✓/x	✓/x	x/x	x/x
Lip Sync	✓	✓	x	x	✓	x
Assignable Component Video Inputs	x	x	x	x	✓	x
General						
RS232 Control Port/Upgrade	✓/✓	✓/✓	✓/x	x/x	x/x	x/x
30 Station AM/FM Tuner	x	✓	✓	✓	✓	✓
Multi-zone/Room Capability	-	-	-	-	-	-
Dimensions (WxHxD)mm (incl. volume & terminals)	430x238x480	430x175x470	430x161x400	430x161x400	430x157.5x310	430x145x310.5
Weight (kg)	28.5	13	10	14.5	8	7.5
Remote Control:	✓	✓	✓	✓	✓	✓
Preprogrammed/Learning	✓/✓	✓/✓	✓/✓	✓/✓	x/x	x/x
2-Way/Touch Screen	✓/✓	✓/N	x/x	x/x	x/x	x/x

Wega Theatre - Home Theatre Projector

H & V = Horizontal and Vertical

	VPLHS50
Optical	
Projector Type	Home Theatre
Projection System	3 Panel LCD
Lens	1.6 times zoom
Light output (Lumens)	1200 ANSI
Panel Resolution	1280 x 720
TV Lines of Resolution	750
Contrast ratio	6000:1
Native aspect ratio	16:9
Nominal lamp life (Estimated Hours)	2000/3000h
Lamp wattage	135W
Lamp Type	UHP
Screen coverage (inches diagonal)	40 - 200
Inputs / Outputs	
Composite Video Input	1
Component input	1
S-video input	1
HD15 PC Input	1
USB Input	x
PJ Multi Input	x
Digital Input	HDMI x 1
Control S / Trigger Input	Trigger
Memory Stick Slot	x
Monitor Out (PC)	x
Accepts PC Signals up to:	1280x768(W-XGA)
Other	
Optical lens shift	H & V
Vertical Keystone correction	x
Sideshot2	x
Short Throw Distance	✔
DTV / HDTV ready	✔
Cinema Black Pro	✔
Advanced Dynamic Iris	✔
Progressive HD Signal compatible	✔
In-built speaker	x
12-bit panel drive system	✔
Real Color Processing system	✔
Installable (Ceiling / Rear)	✔
Powered Tilt Adjuster	x
General	
Fan noise (dB)	24
Power requirements	AC 100-240V 50-60Hz
Dimensions (WxHxD)mm	348 x 135 x 360
Weight	5.6Kg
Supplied accessories	
Signal cable	x
Remote control	RM-PJHS50
Air Filter (replacements)	✔
Optional accessories	
Replacement lamp	LMP-H130
Replacement air filter	PKHS10FL
Projector stand	x
Ceiling mount	PSS-610

Wega Theatre - Speaker Packs

FS = Floor Standing, BD = Balanced Dome, BSD = Base Dimension

	SAVS300	SAVE835ED	SAVE566	SAVE366
Speaker System	2 x FS Satellites	2 x Micro Satellites	2 x Micro Satellites	2 x Micro Satellites
Woofer	60mm x 100mm	57mm x 2	90mm	90mm
Mid Range	-	-	-	-
Tweeter	25mm BD	25mm BD	20mm	13mm
Frequency Response	120Hz-50kHz	120Hz-50kHz	100Hz-50kHz	100Hz-27kHz
Maximum Power Handling	150W	140W	140W	120W
Sensitivity	81dB	87dB	84dB	84dB
Impedance	8	8	8	8
Dimensions (WxHxD)mm	82x1052x93(BSD 250)	90x182x147	110x150x132	112x150x132
Centre				
Speaker System	Micro Satellite	Micro Satellite	Micro Satellite	Micro Satellite
Woofer	57mm x 2	57mm x 2	90mm	90mm
Mid Range	-	-	-	-
Tweeter	25mm BD	25mm BD	20mm	13mm
Frequency Response	120Hz-50kHz	120Hz-50kHz	100Hz-50kHz	100Hz-27kHz
Maximum Power Handling	150W	140W	140W	120W
Sensitivity	81dB	87dB	84dB	84dB
Impedance	8	8	8	8
Dimensions (WxHxD)mm	345x86x93	90x182x147	200x110x115	200x112x115
Rear				
Speaker System	4 x Micro Satellites	2 x Micro Satellites	3 x Micro Satellites	3 x Micro Satellites
Woofer	60mm x 100mm	57mm x 2	90mm	90mm
Mid Range	-	-	-	-
Tweeter	25mm BD	25mm BD	20mm	13mm
Frequency Response	120Hz-50kHz	120Hz-50kHz	100Hz-50kHz	100Hz-27kHz
Maximum Power Handling	150W	140W	140W	120W
Sensitivity	81dB	87dB	84dB	84dB
Impedance	8	8	8	8
Dimensions (WxHxD)mm	82x184x93	90x182x147	110x150x132	112x150x132
Subwoofer				
Speaker System	Active	Active	Active	Active
Woofer	15cm x 2	20cm	20cm	20cm
Mid Range	-	-	-	-
Tweeter	-	-	-	-
Frequency Response	28Hz-200Hz	24Hz-200Hz	26Hz-200Hz	26Hz-200Hz
Maximum Power Handling	150W	200W	150W	120W
Line/Speaker Input	✔	✔	✔	✔
Phase Switch	✔	✔	✔	✔
Low Boost	✔	x	✔	✔
Volume Level Control	✔	✔	✔	✔
Dimensions (WxHxD)mm	197x407x502	230x395x485	290 x 400 x 430	290 x 400 x 430
Extended Frequency for SACD	✔	✔	✔	x
Magnetically Shielded	✔	✔	✔	✔
Design	Bass Reflex	Bass Reflex	Bass Reflex	Bass Reflex
Speaker Cable Supplied	✔	✔	✔	✔
Weight (kg - Total)	28.3	22	21	19.1
Accessories				
WSFV11	✔	✔	✔	✔
WSWV10D	✔	✔	✔	✔
Other - Included	2 x joint stands	small speaker stands	centre speaker stand	-

Wega Theatre - Data Projector

* Accepts: Composite, Component, S-Video RGB, PZ = Powered Zoom, Pb = Playback

	VPLDS100	VPLES2	VPLCS7
Optical			
Projector Type	Ultra Portable	Ultra Portable	Ultra Portable
Projection System	3 Panel LCD	3 Panel LCD	3 Panel LCD
Lens	1.2 Times Zoom	1.2 Times Zoom	1.2 Times Zoom
Light Output (Lumens)	1200 ANSI	1500 ANSI	1800 ANSI
Resolution	800x600 (SVGA)	800X600 (SVGA)	800x600 (SVGA)
TV Lines of Resolution	600	600	600
Contrast Ratio	-	350:1	350:1
Native Aspect Ratio	4:3	4:3	4:3
Nominal Lamp Life (Estimated Hours)	-	3000/4000H	2000/3000H
Lamp Wattage	185W	157W/140W	185/157W
Lamp Type	UHP	UHP	UHP
Screen Coverage (Inches Diagonal)	40-150	40-300	40-300
Inputs/Outputs			
Composite Video Input	1	1	1
Component	1 (HD15)	1 (HD15)	1 (HD15)
S-Video Input	1	1	1
PC Input	1	1	1
USB	x	x	x
PJ Multi Input	x	x	x
Digital Input	x/x	x/x	x/x
Control S input	x	x	x
RS232 Control	x	x	x
Memory Stick Slot	x	x	x
Monitor Out (PC)	x	x	1
Accepts PC Signals up to:	XGA	XGA	XGA
Other			
Vertical Keystone correction	✔	✔	✔
SideShot 2 (Horizontal Keystone)	x	x	x
Short Throw Distance	✔	✔	✔
Intelligent Auto Set Up	✔	✔	✔
DTV/HDTV Ready	✔/✔	✔/✔	✔/✔
Cinema Black Pro	x	x	x
Progresive HD Signal Compatible	x	✔	✔
Inbuilt Speaker	✔	Y	✔
DRC-MF technology	x	x	x
Password Security System	✔	✔	✔
Digital Zoom function	✔	✔	✔
Picture Muting	x	x	x
Image Flip	✔	✔	✔
Installable (Ceiling/Rear)	✔	✔	✔
Wireless Mouse Function	x	x	x
Powered Tilt Adjuster	✔	✔	✔
Freeze Function	✔	✔	✔
General			
Fan Noise (dB)	-	33dB (Standard mode)	35dB (Standard mode)
Power Requirements	AC 100-240V 50/60Hz	AC 100-240V 50/60Hz	AC 100-240V 50/60Hz
Dimensions (WxHxD)mm	295X78X238	295x78x238	295x78x238
Weight (kg)	2.8KG	2.8kg	2.9kg
Supplied Accessories			
Signal Cable	-	✔	✔
Carry Case	-	✔	✔
Remote Control	-	✔	✔
Cinema Filter	-	x	x
Image Director Software	-	✔	✔
Air Filter (replacements)	-	1	1
Optional Accessories			
Replacement Lamp	LMPE180	LMPE150	LMPE180
Replacement Air Filter	-	-	-
Projector Stand	x	x	x
Ceiling Mount	PSSSX7	PSSSX7	PSSSX7
Tele Conversion lens	-	-	-
Wide/Long Conversion Lens	-	-	-

Wega Theatre - Speakers

ACW = Aramid Cone Woofer, CCD = Carbon Composite Dome, MPH = Maximum Power Handling, BCC = Bi-Wiring Connection Capability, D = Dimension, PS = per speaker, EF = Extended Frequency

	SSK90EDP	SSK70EDP	SSK30EDP	SSK10EDP	SSCNK10ED	SSMF750	SSMF650	SSMF550	SSCR350	
Speaker Type	Floor Standing	Floor Standing	Book Shelf	Book Shelf	Centre Speaker	Floor standing	Floor standing	Floor standing	Centre-rear speaker package	
Recommended Usage	Front/Surround	Front/Surround	Front/Surround	Surround	Centre				Centre	Surround
Enclosure Type	Bass Reflex	Bass Reflex	Bass Reflex	Bass Reflex	Bass Reflex	Bass Reflex	Bass Reflex	Bass Reflex	Bass Reflex	Bass Reflex
MPH	200W	150W	130W	120W	120W	200W	180W	150W	120W	100W
Frequency Response	39Hz - 70kHz	42Hz - 70kHz	45Hz - 70kHz	50Hz - 70kHz	50Hz - 70kHz	35Hz-50kHz	40Hz-50kHz	45Hz-50kHz	85Hz-50kHz	85Hz-20kHz
EF for SACD Playback	✔	✔	✔	✔	✔	✔	✔	✔	✔	x
Sensitivity	90dB	89dB	88dB	86dB	87dB	90dB	89dB	88dB	89dB	86dB
Impedance	8Ω	8Ω	8Ω	8Ω	8Ω	8Ω	8Ω	8Ω	8Ω	8Ω
BCC	✔	✔	-	-	-	-	-	-	-	-
Speaker Unit										
FULL RANGE	-	-	-	-	-	-	-	-	-	120mm Cone x1
(material)	-	-	-	-	-	-	-	-	-	paper
WOOFER	2 x 165mm Cone	165mm Cone	165mm ACW	165mm ACW	2x165mm ACW	200mm Cone x2	160 mm Cone x2	200 mm Cone x1	120mm Cone x2	-
(material)	Paper+Aramid Fibre	Paper+Aramid Fibre	Aramid Fibre	Aramid Fibre	Aramid Fibre	Kevlar HOP	Kevlar HOP	Kevlar HOP	Paper	-
MID	160mm Aramid Cone	160mm Aramid Cone	-	-	-	80mm Cone x1	80mm Cone x1	80mm Cone x1	-	-
(material)	Aramid Fibre	Aramid Fibre	-	-	-	Kevlar HOP	Kevlar HOP	Kevlar HOP	-	-
TWEETER	25mm CCD	25mm CCD	25mm CCD	25mm CCD	25mm CCD	25mm Balance Dome	25mm Balance Dome	25mm Balance Dome	25mm Balance Dome	-
(material)						Nano Fine	Nano Fine	Nano Fine	Nano Fine	-
Magnetically Shielded	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
Speakers per Unit	2	2	2	2	1	2	2	2	1	2
D (WxHxD)mm - ps	240x990x400mm	240x900x400mm	235x430x375mm	190x330x275mm	430x190x275mm	240x1050x295mm	220x950x255mm	240x850x255mm	380x150x194mm	190x150x196mm
Weight (kg/piece)	20	17	8.5	4.5	6.5	15	12	11	3.5	1.5
Supplied Accessories	Pedestal/Spikes	Pedestal/Spikes	-	-	Docking Base	-	-	-	-	

Wega Theatre - Subwoofers

	SAWX900M/B	SAWX700B	SAWM500	SAWM250
Active/Passive	Active	Active	Active	Active
Speaker Unit	30cm x 2	25cm x 2	30cm	20cm
Power Output (RMS)	1000W RMS	250W RMS	150W RMS	100W RMS
Frequency Response	18Hz-200-Hz	20Hz-200Hz	20Hz-200Hz	28Hz-200Hz
Speaker/Line Input	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓
Low Boost Mode	✓	✓	x	x
Movie/Music/Bass-Boost Selector	✓	x	x	x
Magnetically Shielded	✓	✓	✓	✓
Phase Switch	✓	✓	✓	✓
Enclosure Type	Closed Cabinet	Closed Cabinet	Bass Reflex	Bass Reflex
Dimensions (WxHxD)mm	440x550x620	390x490x480	360x425x415	290x355x385
Weight (kg)	48	28	19	Not Available
Colour	Black or Maple	Black	Black	Silver

Wega Theatre - Grand WEGA

	WS60	WE50	WE42
General			
Screen size (viewable)	60 inch / 151cmv	50 inch / 125cmv	42inch / 106cmv
Display technology	3LCD panels	3LCD panels	3LCD panels
Display resolution	1386 x 788 pixels	1386 x 788 pixels	1386 x 788 pixels
Total pixel resolution	3.15 million pixels	3.15 million pixels	3.15 million pixels
HD (High definition) 1080i signal ready	✓ (1080i/720P/576P/480P)	✓ (1080i/720P/576P/480P)	✓ (1080i/720P/576P/480P)
Colour system			
PAL Multi (B/G, I, D/K, M) reception	✓	✓	✓
PAL, PAL60, SECAM, NTSC signal playback	✓	✓	✓
Picture			
WEGA ENGINE picture processing	✓	✓	✓
Full 100% digital picture processing (including 14-bit panel driver)	✓	✓	✓
Digital Reality Creation (DRC) enhancement	DRC-MF	DRC-MF	DRC-MF
DRC modes (DRC High Density/Progressive/Cinema)	✓	✓	✓
DRC Palette customization	✓	✓	✓
MID Detail Enhancer Circuit	✓	✓	✓
LCD Optical Engine with 11 precision lenses	✓	✓	✓
Green trim filter / UV filter	✓	✓	✓
3D Digital comb filter	✓	✓	✓
Progressive / HD signal compatible	✓	✓	✓
Super Fine Pitch screen	✓	✓	✓
Anti-reflective (AR) coated screen	✓ (double AR)	✓ (double AR)	✓ (double AR)
First surface mirror	✓	✓	✓
Picture Modes	4 modes	4 modes	4 modes
Colour temperature adjustment	✓	✓	✓
Fully resistant against screen burn	✓	✓	✓
Ultra High Performance (UHP) lamp technology	✓	✓	✓
Sound			
S-Master digital amplification technology	✓	✓	✓
Nicam stereo reception	✓	✓	✓
Surround sound	TruSurround SRS	TruSurround SRS	TruSurround SRS
BBE Sound Enhancement	✓	✓	✓
Steady Sound	✓	✓	✓
Sound modes	4 Modes	4 Modes	4 Modes
Bass / Treble sound equalizer	✓	✓	✓
Side-mounted full range speaker system	✓	✓	✓
Integrated subwoofer	✓	✓	✓
Power output: full-range speakers	10W	10W	10W
Power output: subwoofer	20W	20W	20W
Convenience			
Picture and Picture (Twin tuner)	✓	✓	✓
Twin view Picture Freeze	✓	✓	✓
Memory Stick slot	✓	✓	✓
JPEG images and MPEG1 slideshow playback	✓	✓	✓
Fastext	✓	✓	✓
On screen menu languages (English, Simplified Chinese, Arabic OSD,Thai)	✓	✓	✓
Wake up / Sleep timer	✓	✓	✓
User replaceable UHP lamp	✓	✓	✓
AV terminals			
Composite video inputs	Front x1, Rear x3	Front x1, Rear x3	Front x1, Rear x3
S-video inputs	Front x1, Rear x3	Front x1, Rear x3	Front x1, Rear x3
HD/DVD component input	Rear x2	Rear x2	Rear x2
Headphone jack	✓ (front)	✓ (front)	✓ (front)
Center speaker input	✓	✓	✓
Monitor AV output	Rear x1	Rear x1	Rear x1
Other			
Optional cabinet	SU-GW12	SU-GW11	SU-GW11
Power requirements	220V - 240V	220V - 240V	220V - 240V
Power consumption	230W	210W	210W
Dimensions (WxHxD)	1574x1005x518mm	1376x927x403mm	1200x818x339mm
Weight	50kg	38Kg	32Kg

Wega Theatre - LCD TV

IPALS = Intelligent Picture with Active light sensor.

	MFMHT75W	MFMHT95	KLV-20SR3	KLV-26HG2	KLV-L32M1	KLV-MR32S2
General						
Screen size (viewable)	17"	19"	20"	26"	32"	32"
Screen type	16:9 widescreen	conventional 4:3	conventional 4:3	16:9 widescreen	16:9 widescreen	16:9 widescreen
Display technology	Clear Bright LCD	Clear Bright LCD	Active LCD	Active TFT LCD	Active TFT LCD	Active TFT LCD
Display resolution	W-XGA (1280x768)	S-XGA (1280x1024)	VGA (640 x 480)	W-XGA (1280x768)	W-XGA (1366x768)	W-XGA (1280x768)
HD (High definition) 1080i signal ready	✔ (1080i/720P/576P/480P)	✔ (1080i/720P/576P/480P)	-	✔ (1080i/720P/576P/480P)	✔ (1080i/720P/576P/480P)	✔ (1080i/720P/576P/480P)
Panel brightness	450cd/m2	450cd/m2	480cd/m2	450cd/m2	450cd/m2	-
LCD Contrast ratio	800:1	1000:1	-	-	-	-
LCD response time (including midbrightness images)	16ms	12ms	16ms	16ms	16ms	16ms
Viewing angle	170° (H&V)	170° (H&V)	170° (H&V)	170° (H&V)	170° (H&V)	170° (H&V)
Tilt / swivel stand	20° tilt (B)	20° tilt (B)	25° (H)/15° (B)	-	-	-
Colour system						
Integrated TV tuner	Multi	Multi	PAL	PAL	PAL	Multi
PAL, PAL60, SECAM, NTSC signal playback	✔	✔	✔	✔	✔	✔
Picture						
Picture processing circuit	IPALS	IPALS	Intelligent Picture	WEGA Engine	WEGA Engine	WEGA Engine
Panel Driver iC response time optimization	✔	✔	✔	✔	✔	✔
Full 100% digital picture processing	-	-	-	✔	✔	✔
Digital Reality Creation (DRC) enhancement	-	-	-	✔	✔	✔
DRC modes	-	-	-	Integrated	Integrated	DRC1250/DRCP
DRC Palette customization	-	-	-	-	-	✔
MID Detail Enhancer Circuit	-	-	-	✔	✔	✔
3D Digital comb filter	✔	✔	✔	✔	✔	✔
Progressive / HD signal compatible	✔	✔	-	✔	✔	✔
Picture Modes (PC Input), 4 modes - Game / Movie / PC / Auto	✔	✔	-	-	-	-
Picture Modes (TV / Video input), 4 modes - Vivid / Standard / ECO / Auto	✔	✔	Live/Personal/Movie	Live/Personal/Movie	Live/Personal/Movie	✔
Colour temperature adjustment	✔	✔	✔	✔	✔	✔
Fully resistant against screen burn	✔	✔	✔	✔	✔	✔
LCD Backlight life	approx. 60,000hrs	approx. 60,000hrs	approx. 60,000hrs	approx. 60,000hrs	approx. 60,000hrs	approx. 60,000hrs
Sound						
Nicam stereo reception	✔	✔	✔	✔	✔	✔
Surround sound	TruSurround WOW	TruSurround WOW	Dynamic preset	Dolby Virtual	Dolby Virtual	TruSurround SRS
BBE Sound Enhancement	✔	✔	-	-	-	✔
Steady Sound / Intelligent Volume	✔	✔	✔	✔	✔	✔
Sound modes	-	-	2 modes	3 modes	3 modes	4 modes
Bass / Treble sound equalizer	✔	✔	✔	✔	✔	✔
Main speakers	Twin - full range	Twin - full range	Twin - full range	Twin - full range	Twin - full range	Twin - full range
Integrated center subwoofer	✔	✔	x	x	x	x
Power output: full-range speakers	6W	6W	6W	8W	20W	20W
Power output: subwoofer	5W	5W	-	-	-	-
Convenience						
Picture and Picture	-	-	-	-	-	✔
Picture in Picture	✔ (single tuner)	✔ (single tuner)	-	-	-	-
Picture Freeze	-	-	✔	✔	✔	✔
Media receiver unit	-	-	-	-	-	✔
Memory Stick slot	-	-	-	✔	x	✔
JPEG images and MPEG1 slideshow playback	-	-	-	✔	x	✔
Fastext	✔	✔	✔	✔	✔	✔
ErgoBright Active Light Sensor	✔	✔	x	x	x	x
AV terminals						
Composite video inputs	Rear x 1	Rear x 1	Side x 1	Rear x 1	Front x 1	Front x1/Rear x3
S-video inputs	Rear x 1	Rear x 1	Side x 1	Rear x 1	Front x 1	Front x1/Rear x3
SCART Inputs	-	n/a	Rear x 2	Rear x 2	Rear x 3	-
HD/DVD component input	Rear x 1	Rear x 1	SCART	Rear x 1	Rear x 1	Rear x 2
Analogue HD15 computer input	Rear x 1	Rear x 1	x	x	x	x
Digital DVI computer input	Rear x 1	Rear x 1	x	x	x	x
Headphone jack	✔	✔	✔	✔	✔	✔
Center speaker input	-	-	x	-	✔	✔
Monitor AV output	-	-	Rear x 1	Rear x 1	Rear x 1	Rear x 1
Control-S	-	-				✔
Subwoofer output	-	-				✔
Other						
Optional cabinet	-	-	-	-	SU-L32	SU-L32
Supplied accessories	Remote/PC cables/Audio cable Coax cable/CD R	Remote/PC cables/Audio cable Coax cable/CD R	Remote control	Remote control	Remote control	Remote control
Power requirements	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz	AC 220-240V, 50/60Hz	AC 220-240V, 50/60Hz	AC 220-240V, 50/60Hz	AC 220-240V, 50/60Hz
Power consumption	68W	74W	65W	109W	145W	150W(D)/39W(MRU)
Dimensions (WxHxD)	450x354x176 mm	467x437x185mm	WS:504x509x250mm	WS: 790x490x240mm	WS:835x670.5x287.5	WS:1052x635x229 W/O S:1052x635x 97
Dimensions (media receiver unit)	-	-	-	-	-	430x79x343
Weight	6.3kg	7.8kg	With Stand: 9kg	With Stand: 18.4kg	With Stand: 19.7kg	WS:27.7kg/MR unit:4.7kg

Audio - Tape Deck

	TCWE475
Double Cassette Deck	✓
Motors/Heads	2/2
Normal/High Speed Dubbing	✓
Auto Reverse	✓
Automatic Music Search (AMS)	✓ (Multi)
Dolby® B/C/HX Pro	✓/✓/✓
Wide Range Pitch Control	✓
High-Density Permalloy Heads	✓
Fader	✓
Cd Cyncro Recording with Compatible CD	✓
Relay/Auto Play	✓
Dual Tape Counters with Memory Switch	✓
Adjustable Record Level Control	✓
Remote Sensor (Sony AV Remote Control Compatible)	✓
Headphone Jack	✓
Dimensions (WxHxD)mm	430x120x300
Weight (kg)	4.2

Audio - MC Notetaker

	M475	M570	M800V	M100MC	M200MC	TCM150	TCM200DV	TCM400DV	TCM939
Cue/Review Function	✓/✓	✓/✓	✓/✓	✓/✓	✓/✓	✓/✓	✓/✓	✓/✓	✓/✓
Clear Voice/Clear Voice Plus	✓/x	✓/✓	✓/✓	x/x	✓/x	✓/x	✓/x	✓/x	x/x
LED Battery Indicator	✓	✓	✓	✓	✓	✓	✓	✓	✓
Built-in Speaker and Microphone	✓	✓	✓	✓	✓	✓	✓	✓	✓
Auto Shut-off at end of Tape	✓	✓	✓	✓	✓	✓	✓	✓	✓
Earphone Jack/Mic Jack/DC-In Jack	✓/x/✓	✓/x/✓	✓/✓/✓	✓/x/✓	✓/x/✓	✓/x/✓	✓/✓/✓	✓/✓/✓	✓/✓/✓
Voice Operated Recording	x	✓	✓	✓	✓	x	✓	✓	x
Voice Operated Recording Sensitivity	x	✓	✓	x	x	x	x	x	x
Tape Counter/Auto Reverse	x/x	✓/x	✓/✓	✓/x	✓/✓	x/x	x/x	x/x	x/x
Uni-Directional Microphone	x	x	x	✓	x	x	x	x	x
Cue Marker Function	x	x	x	✓	✓	x	x	x	x
3 Record Modes (M/L/D)	x	x	x	x	✓	x	x	x	x
Retractable Zoom Microphone	x	x	x	x	✓	x	x	x	x
Speed Control/Double Record Time	x/x	x/x	x/x	x/x	✓/✓	x/x	✓/✓	✓/✓	x/x
Speed Counter	x	x	x	x	x	x	x	✓	x
Mic Sensitivity Switch	x	x	x	✓	x	x	x	x	x

Audio - Mini Systems

TD = Tape Deck, T = Tuner, PB = Playback, PS = Progressive Scan, S/P/R = Shuffle/Program/Repeat, SBS = Sound Broad System

	LBTZX10D	MHCWZ88D	MHCGNZ9D	CMTWS2D	DHCFLX5D	MHCGNX80	MHCGNX70	MHCGNX60	MHCRG475S	MHCRG270
Front Speakers										
RMS Output Power	180W x 2	140W x 2	115W x 2	75W x 2	60W x 2	255Wx2 (link)	240W x 2 (link)	200W x 2 (link)	120W x 2	125W x 2
System	2-way	3-Way	2-Way	2-Way	2-Way	2-Way	2-Way	2-Way	3-Way	3-Way
Tweeter	6.5cm	5cm	5cm	2.5cm nano fine	5cm	2.5cm Horn	2.5cm Horn	2.5cm Horn	5cm	5cm
Mid	-	-	-	-	-	-	-	-	-	-
Woofer	22cm (super woofer)	15cm	18cm	15cm glass fibre	13cm x 2	-	-	-	13cm x 2	13cm x 2
Subwoofer	-	15cm	-	-	-	20cm	20cm	20cm	-	-
Quick Edge	-	✓	-	-	-	-	-	-	-	-
H.O.P (Woofer)	-	-	-	-	✓	-	-	-	-	-
Hybrid Dual Woofer	-	✓	-	-	-	-	-	-	✓	✓
Centre Speaker										
RMS Output Power	70W	40W	50W	-	60W	-	-	-	-	-
System	10cm (full range)	8cm (full range)	8cm (full range)	-	2-Way (5cm+8cm)	-	-	-	-	-
Rear Speakers										
RMS Output Power	180W x 2	40W x 2	50W x 2	-	60W x 2	-	-	-	-	-
System	2 way	8cm (full range)	2-Way (18cm+5cm)	-	2-Way (4cm+8cm)	2-Way (13cm-2.5cm)	2-Way (13cm+2.5cm)	2-Way (13cm+2.5cm)	-	-
Subwoofer										
RMS Output Power	-	-	170W	-	100W	200W	-	-	150W	-
System	-	-	20cm	-	18cm	20cm	-	-	20cm	-
General										
Function: DVD/CD/TD/T	✓/✓/✓/✓	✓/✓/✓/✓	✓/✓/✓/✓	✓/✓/✓/✓	✓/✓/✓/✓	x/✓/✓/✓	x/✓/✓/✓	x/✓/✓/✓	x/✓/✓/✓	x/✓/✓/✓
CD Changer Function	5 DVD/CD	1 DVD/CD	3 DVD/CD	1 DVD/CD	5 DVD/CD	3 CD	3 CD	3 CD	3 CD	3 CD
DVD/SACD/CD Playback	✓/x/✓	✓/✓/✓	✓/x/✓	✓/✓/✓	✓/✓/✓	✓/x/✓	x/x/✓	x/x/✓	x/x/✓	x/x/✓
CD-R/-RW/MP3/JPEG PB	✓/✓/✓/x	✓/✓/✓/✓	✓/✓/✓/✓	✓/✓/✓/✓	✓/✓/✓ **/✓	✓/✓/✓/x	✓/✓/✓/x	✓/✓/✓/x	✓/✓/✓/x	✓/✓/✓/x
DVD-R/+R/-RW/+RW/VCD*	✓/✓/✓/✓/✓	✓/✓/✓/✓/✓	✓/✓/✓/✓/✓	✓/✓/✓/✓/✓	✓/✓/✓/✓/✓	-	-	-	-	-
DiVX Playback	x	✓	✓	x	x	x	x	x	x	x
8cm disc compatible	✓	✓	✓	✓	✓	-	-	-	-	-
Analog In/Out	3/1	1/1	2/1	1/1	1/1	2/0	2/0	2/0	1(front)/0	1(front)/0
Digital In/Out	0/0	0/0	0/0	0/1	1/1	0/1	0/1	0/1	0/0	0/0
Portable Audio Input	x	x	x	x	x	x	x	x	✓	✓
5.1 Channel output	subwoofer	subwoofer	subwoofer	-	-	x	x	x	x	x
Video Signal In/Out	1/3	0/3	1/3	0/3	0/3	0/0	0/0	0/0	0/1	0/2
PS (PAL/NTSC)	x	✓	✓	✓	✓ (NTSC only)	-	-	-	-	-
Mic In/Volume Control	✓ (2)	✓ (2)	✓ (2)	N	✓	✓ (2)	✓ (2)	✓ (2)	x	x
Headphone Jack	✓ (6.3mm)	✓ (3.5mm)	✓ (3.5mm)	✓ (3.5mm)	✓	✓ (3.5mm)	✓ (3.5mm)	✓ (3.5mm)	✓ (3.5mm)	✓ (3.5mm)
Graphic Equaliser	3 Band	-	3 Band	-	Parametric	3 Band	3 Band	3 Band	3 Band	3 Band
Spectrum Analyser	5 Band	-	-	-	x	17 Band	17 Band	17 Band	-	-
Preset/Programmable EQ	10/1	9/1	7/3	-	18/5	10/3	10/3	10/3	8/3	8-Mar
Bass/Treble Control	EQ	-	EQ	Bass/Treble	EQ	EQ	EQ	EQ	EQ	EQ
Bass Boost Function	X-Groove	DSGX	Groove/V Groove	DSGX	Groove/V Groove	Groove	Groove	Groove	Groove	Groove
Dolby Prologic/Prologic II	✓/✓	x/✓	✓/✓	x/x	✓/✓	-	-	-	-	-
Dolby Digital	✓	✓	✓	✓	✓	-	-	-	-	-
DTS	✓	✓	✓	✓	✓	-	-	-	-	-
DCS	x	✓	✓	x	✓	-	-	-	-	-
VACS Anti-Distortion System	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Karaoke Mode	✓	✓ (DVD only)	✓	✓	✓	✓	✓	✓	x	x
Direct AV EQ	✓	x	x	x	x	x	x	x	x	x
GAMESYNC MIXING	✓	x	x	x	x	x	x	x	x	x
Playmode (S/P/R)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SBS (Link/Matrix)	✓	x	✓	x	x	✓	✓	x	x	x
Surround Function	✓	✓	✓	-	✓	✓	✓	✓	✓	✓
Timer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Tape Deck	double	double	double	x	double	double	double	double	double	double
Auto Reverse	✓	✓	✓ (deck B only)	x	✓	✓ (deck B)	✓ (deck B)	✓ (deck B)	x	x
Remote Commander	✓	✓	✓	✓	✓ (digipad)	✓	✓	✓	✓	✓
Dimensions (WxHxD)mm:										
Main Unit	362x437x465	255x134x343-255x134x332	280x326x400	254.5x136x346.5	235x435x420	280x360x398.5	280x360x398.5	280x360x398.5	280x325x430	280x325x430
Front (each)	290x353x482	220x415x290	346.5x240x235	180x305x265	235x490x417	285x421x311	285x421x311	285x421x311	230x345x235	230x345x235
Centre	-	235x101x94.5	236x94.5x101	-	382x102x150	-	-	-	-	-
Rear (each)	290x353x482	94.5x235x101mm	346.5x240x235	-	102x270x150	285x421x311	285x421x311	-	-	-
Subwoofer	-	-	326.5x260x363.5	-	235x435x420	271x421x426	-	-	265x325x330	-
Weight (kg)	59(approx)	21.9	37.3	10.4	45.1	47	37.1	27.3	23.6	17.6

*some discs may not play ** Video mode only

Audio - CD Walkman

S/B/P= Shuffle/Bookmark/Program

	DNE300S	DNE800L	DNE10S	DNS505
Battery Life (ATRAC3plus max)	Up to 85	130	Up to 85	50
Tuner	x	x	x	x
G Protection Anti Shock	✔	✔	✔	✔
Auto Ranking Search	✔	✔	✔	✔
Parametric Equaliser	✔	✔	✔	✔
3 Colour LED	x	✔	✔	x
Optical Line Out	x	✔	✔	x
Line Out	x	✔	✔	x
CD-R/RW Compatible	✔	✔	✔	✔
AVLS	✔	✔	✔	✔
LCD on unit	✔ (2 lines)	✔ (4 line)	✔	✔ (on strap)
CD Text Indication	LCD unit	✔	LCD remote	✔
Program Play	64 songs	✔ (64 songs)	64 songs	✔ (64 songs)
(1/ALL/Shuffle/Bookmark/program/Group/Group Shuffle)	✔	✔	✔	✔
Hold	✔	✔	✔	✔
Battery Remaining Indicator	LCD unit	✔	LCD remote	✔
Compatibility ATRAC3plus/ATRAC3/MP3	✔	✔	✔	✔
Size WxHxD mm	135.8x30.7x135.8	130x130x20.7	127x132.7x17.7	136 x 30.5 x 136
Weight g (excluding battery)	177	178	148	250
SUPPLIED ACCESSORIES				
SONICSTAGE	✔	✔	✔	✔
Remote Control	x	✔	RMMC33EL	x
Headphones	MDRE808	✔	MDRE838	✔ (sports style)
Rechargeable Battery	x	NH10WMx2	NH-14WM x1	x
External Battery Case	x	✔	✔	x
Battery Charging Stand	x	✔	BCA-WM90	x
AC Power Adaptor	✔	✔	✔	✔
Carrying Pouch	x	✔	✔	x

Audio - Micro Systems

	CMTDV2D	CMTCPZ1	CMTHPZ9	CMTGPZ6
Front Speakers				
RMS Output Power	50W x 2	75W x 2	70W x 2	40W x 2
System	2-Way	2-Way	3-Way	2-Way
Tweeter	4cm	2.5cm dome	2cm	4cm
Mid	–	–	4cm	–
Woofer	12cm	13cm	15cm	12cm
Subwoofer	✔	–	–	–
Quick Edge Woofer	Y	–	–	–
General				
Function: DVD/CD/Tape Deck/Tuner	Y/Y/Y/Y	N/Y/Y/Y	N/Y/Y/Y	N/Y/Y/Y
CD Changer Function	1 DVD/CD	1 CD	5 CD(pop up)	1 CD
CD-R/-RW/JPEG/MP3/ATRAC3plus Playback	Y/Y/Y/Y/N	Y/Y/N/Y/Y	Y/Y/N/Y/Y	Y/Y/N/Y/Y
DVD-R/+R/-RW(video)/+RW/VCD Playback	Y*/N/Y*/N/Y	–	–	–
Analog In/Out	1/0	1/0	1/0	1/0
Digital In/Out	0/1	0/1	0/1	0/1
MD Link Function	Y	Y	Y	Y
Video Signal In/Out	0/1	–	–	–
Mic In/Volume Control	N	N	N	N
Headphone Jack	Y(3.5mm)	Y(3.5mm)	Y(3.5mm)	Y(3.5mm)
Preset/Programmable EQ	7/0	0/0	0/0	0/0
Bass/Treble Control	N	Y	Y	Y
Bass Boost Function	–	DSGX	DSGX	DSGX
Dolby Prologic/Prologic II	N/N	–	–	–
Dolby Digital/DTS	Y/Y	–	–	–
Playmode (Shuffle/Program/Repeat)	Y	Y	Y	Y
Timer	Y	Y	Y	Y
Tape Deck	Single	Single	Single	Single
Auto Reverse	N	Y	N	N
Remote Commander	Y	Y	Y	Y
Dimensions (WxHxD)mm:				
Main Unit	191 x 255 x 310	175 x 240 x 295	198 x 275 x 341	181 x 261 x 297
Front (each)	175 x 255 x 240	175 x 240 x 295	180 x 296 x 245	163 x 261 x 230
Weight (kg)	12.5	10.2	13.3	11.1

Audio - Headphones

	MDRE828LP	MDRE931LP	MDREX81SL	MDREX71SL	MDREX51LP
Silent Cap	✔	✔	✔	✔	✔
Diameter Driver Unit (mm)	16	16	9	9	9
Twin Turbo Ducts/Neodymium Magnet	✔/x	✔/✔	✔/✔	✔/✔	✔/✔
Plated L-Shaped Stereo Mini Plug	Nickel	Gold	Gold	Gold	Gold
Length of Y Shaped Lead (m)	1m	1m	1.2	1m +1m ext. cord	1.2
Compact Case Supplied	✔	✔	✔	✔	✔
Frequency Response (Hz)	12-22,000	10-23,000	6-23,000Hz	6-23,000	6-23,000Hz
Texture Cord to Prevent Cord Tangle	x	✔	✔	✔	✔
Thinner Housing for Comfort	x	✔	✔	✔	✔
Closed Type Structure for Better Base	x	x	✔	✔	✔
Soft Silicon Ear Buds	x	x	✔	✔	✔
Earphone Holder	x	x	✔	✔	✔

*Some discs may not play

Audio - Tuner

M = Mono, S = Stereo, SP = Step

		STSE370
FM Tuner		
Frequency Range		87.5-108 MHz
Aerial Terminals		75 Ω unbalanced
Signal-to-Noise Ratio		at 40kHz deviation 74dB (M), 69dB (S)
Harmonic Distortion		0.09%(M)/0.18%(S)
Frequency Response		30Hz-15kHz (+0.5/-1.0dB)
AM Tuner		
Frequency Range	MW	531-1710 kHz (9kHz Sp)
	LW	144-288kHz (1kHz Sp)
Signal-to-Noise Ratio	MW	54dB (50mV/m, 400Hz)
	LW	50dB (50mV/m, 216Hz)
Harmonic distortion		0.3% (50mV/m, 400Hz)
Dimensions (WxHxD)mm		430x83x290
Weight: kg		2.5

Audio - Clock Radios

	ICFCD831	ICFC212	ICFC317	ICFC490	ICFC153	ICFC273
Digital Tuner	x	x	x	x	✓	✓
Power Back Up	✓	✓	✓	✓	✓	✓
12 Hour Time	✓	✓	✓	✓	✓	✓
Sleep/Snooze Function	✓/✓	✓/✓	✓/✓	✓/✓	✓/✓	✓/✓
Nap Timer, Extendable Snooze	✓/✓	x	x	x	✓/✓	✓/✓
Brightness Control	x	x	x	✓	✓	✓
Triple Display (Current Time, Alarm A, Alarm B)	x	x	x	x	x	✓
Headphone Jack	✓	x	x	x	x	x
Jog Lever Time Setting	x	x	x	x	x	✓

Audio - Super Audio CD

*Direct Stream Digital, AR = In Audible Range,

	SCDXA9000ES/G	SCDXA3000ES/G	SCDXB790/S	SCDCE595	SCDXE597/S
Super Audio CD play back					
Playback Frequency Range	2Hz - 100kHz	2Hz - 100kHz	2Hz - 100kHz	2Hz - 100kHz	2Hz - 100kHz
Frequency Response	2Hz - 50kHz(-3dB)	2Hz - 50kHz(-3dB)	2Hz - 50kHz(-3dB)	2Hz-40kHz(-3dB)	2Hz-40kHz(-3dB)
Dynamic Range	> 108dB (AR)	> 106dB (AR)	> 104dB (AR)	> 100dB (AR)	> 100dB (AR)
Harmonic Distortion	< 0.0012%	< 0.0015%	< 0.0018%	< 0.0035%	< 0.0035%
CD play back					
Frequency Response	2Hz - 20kHz	2Hz - 20kHz	2Hz - 20kHz	2Hz - 20kHz	2Hz - 20kHz
Dynamic Range	> 99dB	> 100dB	> 100dB	> 96dB	> 96dB
Harmonic Distortion	< 0.0017%(EIAJ)	< 0.0018%(EIAJ)	< 0.0020%	< 0.0039%	< 0.0039%
Multi-Channel Playback/5.1 Channel Output	✓/✓	✓/✓	✓/✓	✓/✓	✓/✓
CD-R/RW Playback Capability	✓/✓	✓/✓	✓/✓	✓/✓	✓/✓
Super Audio CD Text/CD Text	✓/✓	✓/✓	✓/✓	✓/✓	✓/✓
Display Mode	✓	✓	✓	✓	✓
Chassis Design	Base Pillar (ES)	Frame & Beam (ES)	QS Design	HAV	HAV
D/A Converter	12x SADAC	8x SADAC	4x SADAC	Multi-channel DSD* Decoder	Multi-channel DSD* Decoder
Transformer	Twin R-Core	Twin R-Core	Twin EI-Core	EI-Core	EI-Core
Continuous/Shuffle/Programme	✓/✓/32 steps	✓/✓/32 steps	✓/✓/32 steps	✓/✓/32 steps	✓/✓/32 steps
Headphone Jack & Volume	✓	✓	✓	x	x
Charactor / Digit (DOT/14)	✓	✓	✓	✓ (Union Jack)	✓ (Union Jack)
Music Calender	✓	✓	✓	✓	✓
Analog Out	✓	✓	✓	✓	✓
Optical/Coaxial/i.Link Digital Output	✓/✓/✓	✓/✓/x	✓/✓/x	✓/x/x	✓/x/x
Multi-channel Audio Out	✓	✓	✓	✓	✓
Aluminum Front Panel	✓	✓	✓	x	x
Off centre insulator	✓	✓	✓	x	x
Gold Plated Terminals	✓	✓	✓	x	x
Remote Commander	✓	✓	✓	✓	✓
Dimensions (WxHxD)mm	430x130x380	430x130x380	430x115x290	430 x 110 x 420	430 x 95 x 283
Weight (kg)	16.2 (approx)	8.2 (approx)	5.6 kg	5.5	3.1

Audio - Hard Drive Walkman

	NWHD5
GENERAL DATA	
Hard Drive Capacity	20GB
Battery Life (hours)	Up to 40 (@48kbps)
Rechargeable Removable Battery	✓ (lithium ion, 880mAh)
Maximum # of tracks	13,000 (ATRAC3plus,48kbps)
Battery charging time (100%) (hrs) via AC adaptor	3
Battery charging time (100%) (hrs) via USB charge	6
Width/Height/Depth (mm)	89.3/55.9/14.5
Weight (g)	135 (including battery)
NETWORK FUNCTION	
High Speed Data Transfer	✓
USB Connection	✓
Selectable Data Compression	✓ (48/64/256kbps)
MP3 and ATRAC3plus direct playback	✓
Data conversion from MP3/WMA/WAC to ATRAC3plus	✓
CDDB automatic music information transferring	✓
Music information editing on PC	✓
Network Walkman control on PC	✓
PLAYBACK AND DISPLAY	
G Sensor Shock Protection	✓
Skip free G Protection	✓ (up to 25 minutes)
Frequency Response	20Hz - 20,000Hz
Group Function Operation	✓
Repeat	Normal/1track/Track shuffle/Item shuffle
Shuffle	1 Track/item(Unit/Album)
EQ	VPT Acoustic Engine/6 band equaliser/Digital Sound preset
Dot Matrix LCD Display on main unit	✓ (7 line)
LED backlight	✓
AVLS (Auto Volume Limiting System)	On/Off
Hold	✓
Playlist	✓
SUPPLIED ACCESSORIES	
Headphones	✓ (MDRE931LP)
USB cable	✓
Rechargeable battery	✓
AC Adaptor	✓ (6v)
Carrying Case	✓
SonicStage Music Management Software	✓ (vs 3.1)
Instruction Manual	Quick Start Guide

Audio - Noise Cancelling Headphones

	MDRNC6	MDRNC11	MDRG94NC
Open/Closed Design	✓/x	x/✓	✓/x
Aircraft Plug Adaptor	✓	✓	✓
Neodymium Magnet	✓	✓	✓
Driver Unit (mm)	30	9	30
Frequency Response (Hz)	30-15,000	10-22,000	20-12,000
Noise Reduction (up to)	10dB	10dB	10dB
Battery Life (using AAA battery)	approx 46	approx 60	approx 40
Built-in Battery Box	✓	✓	✓
Foldable Headband/Tangle Free Cord	✓/x	-/✓	✓/✓
Length of Cord (m)	1.5	1.5	1.5

Audio - Professional Headphones

	MDRXD100	MDRV250	MDRV300	MDRV500DJ	MDRV700DJ
Driver Unit (mm)	30	30	30	40	50
Gold Plated Stereo Unimatch Plug	x(Nickel)	x	✔	✔	✔
Length of Cord (m)	2	2	3	3	Coiled 1-3
Frequency Response	16-22,000Hz	16-22,000Hz	16-22,000Hz	10-25,000Hz	5-30,000Hz
Folding Design	x	✔	✔	✔	✔
Reversable Earcups	x	✔	✔	✔	✔

Audio - Street Style Headphones

	MDRG54LP	MDRG58V	MDRG74SL	MDRQ66LWW/B	MDRG57G	MDRJ20W
Driver Unit (mm)	30	30	30	30	30	13.5
Turbo Acustic Duct	✔	✔	✔	✔	✔	✔
Gold Plated Stereo Mini Plug	✔	✔	✔	✔	✔	✔
Cord Length (M)	1.5	1.5	1.5	0.5 (1m extension)	1.5	1.2
Frequency Response (Hz)	16-20,000	16-20,000	14-24,000	16-24,000Hz	16-20,000Hz	18-20,000Hz
Volume Control	x	✔	x	x	x	x
Neodymium Magnet	✔	✔	✔	✔	x(Ferrite)	✔
Tangle Free Cord Slider	x	x	x	x	x	✔

Audio - Amplifiers

T = Tracks, A = Albums, L = Linear

	TAFB940R
Inputs/outputs	
Phono input	✔ (MM)
Number of audio inputs	6
Number of audio outputs	2
Speaker selector	A, B
EON link (for tuner)	✔
SACD/CD input	✔
Switcher	
Input selector	✔ (relay)
Source direct switch	✔
Loudness switch	✔
Muting switch	x
Subsonic switch	✔
Features	
Power stage MOS-FET	✔
Toroidial transformer	✔
Off centre insulator	✔
Remote control (supplied)	✔
Headphone jack	✔
Frame & Beam Chassis	✔
General	
Power consumption	210W
RMS Power Output (8ohms, 1kHz, 0.008% THD)	60W x 2
Frequency Response	7-300000Hz
Speaker impedance	4-16ohm
Dimensions (WxHxD) mm	430 x 150 x 420
Weight	10.3kg
8 ohms,20Hz-20kHz	70Wx2
Available Colours	Silver
Dimensions (wxhxd) (mm)	430x150x420
Weight (kg)	Approx. 10.3

Audio - IC Chip Recorder

VF = Voice Files

	ICDB100	ICDSX35	ICDMX20
Built-in Memory	16MB	64MB	32MB
Memory Stick Pro Duo Operation	x	x	✔
Maximum Recording Time (hrs)	8	23	11
Voice Operated Recording (VOR)	✔	✔	✔
PC Connectivity via USB	x	✔	✔
Compatible with Dragon Naturally Speaking	x	✔	✔
Message Folder Capability	✔	✔	✔
LCD Display	✔	✔	✔
Digital Pitch Control	x	✔	✔
Built-in Speaker and Microphone	✔	✔	✔
Mic In Jack	✔	✔	✔
Earphone Jack	✔	✔	✔
PC Download Software supplied	x	✔	✔
USB cable	x	✔	✔
Dimensions (w/h/d mm)	30x103.5x16	28x120x13.8	36.6x107.5x16.9
Weight g (including batteries)	60	64	96

Audio - Hi-MD Walkman

NMHRB = Nickel Metal Hydride Rechargeable Battery, RLIR = Removable Lithium Ion Rechargeable

	MZRH910S
RECORDING AND EDITING	
Sonic Stage 3.0 Operation	✓
Free Check Out Count via Sonic Stage	✓
MD Simple Burner Operation	✓
One Touch Download	✓
Gracenote CDDB	✓
Hi-MD Mode Transfer	
Linear PCM	✓
ATRAC3plus Hi-SP/Hi-LP	✓ / ✓
Hi-MD Mode Recording via digital in/line-in/mic in*	✓ / ✓ / ✓
Sampling Rate Converter	from 32/48kHz to 44.1kHz
Rec Level Control	Analogue/Digital
Digital Auto Gain Control	✓
Mic Sense	High/Low
Synchronised Recording	✓
Auto End Search before recording	✓
Auto Track Marking	✓ (Analogue/Digital)
Group Recording Function	✓
Self Recoding Contents Function	✓
Erase	1 song/Group/ALL
Move	1 song/Group
Title Input	✓
Format/Intialise Function	✓
Frequency Response	20-20,000Hz +/- 3dB
*only possible for Hi-MD mode	
PLAYBACK	
ATRAC3plus / MP3 Direct Playback	✓
Hi-MD/MD Mode Playback	✓
HD Digital Amplifier	✓
G-Protection	✓
6 Band Graphic Equaliser	✓
Sorting Function in Artist and Album Title	✓
Digital Pitch Control	x
Resume Function	✓
AVLS (Auto Volume Limiting System)	✓
OTHER	
Transfer Speed	up to 100x
USB Connection	✓
USB Bus Powered	✓
PC Data Storage	✓ (data/ JPEG/MPEG4)
Dsiplay Languages (English Standard)	French, German, italian, Spanish
Pop-Up eject	✓
Recharge Function	2.5h*
Advanced/Simple Menu Selection	✓
Power Mode Setting	Normal/Quick/ Power Save
Remote LCD Backlight Settings	✓
Clock Setting	✓
Remote Control	✓
Dimensions (WxHxD mm)	80.2x20.7x84.3 approx.
Weight (main unit with battery,g)	138
* Depends on battery condition	
INPUTS AND OUTPUTS	
USB In	1.1
Microphone In	✓
Analogue In	✓
Digital In	✓
Headphone Out	✓
Line Out	✓
DC In (6V)	✓
SUPPLIED ACCESSORIES	
AC Power Adaptor	✓
Battery	Removable Nickel-Metal Hydride rechargeable (NH10WM)
Dry Battery Case	✓
Remote	✓
Headphones	✓
Digital Cable	✓
CD-ROM - Sonic Stage Ver3.0	✓
USB Cable	✓
Instruction Manual	✓
Carrying Pouch	✓

Audio - CD

	CDPCX355	CDPXE270
Disc Changer Function	300x	Single
Frequency Response	2Hz-20kHz +/- 0.5dB	2Hz-20kHz +/- 0.5dB
CD-R/RW Playback Capability	✓ / ✓	✓ / ✓
CD Text	✓	x
D/A Converter	Hybrid Pulse	Hybrid Pulse
Transformer/Remote Commander	✓ / ✓	✓ /x
Multi-disc 32 Step Programming	✓ (x3)	x
Continuous/Shuffle/Programme	✓ / ✓ /3 x 32 steps	✓ / ✓ /24 steps
Play/Repeat Modes	1(shuffle)/3	3/2
Headphone Jack	x	x
Optical/Coaxial Digital Output	1/-	1/-
Keyboard Input (Custom File Titling)	✓	x
Dimensions (WxHxD)mm	430x189x493	430x95x290
Weight (kg)	8.5	3.2

Computer - IT Components

MS = Memory Stick

	DRU720A	DRX710UL	CRX230A	CRX320A	MPF82E
Writing Formats					
DVD +	R/RW	R/RW	x	x	x
DVD -	R/RW	R/RW	x	x	x
DVD +VR	✓	✓	x	x	x
DVD ROM	✓	✓	x	x	x
CD ROM	✓	✓	✓	✓	x
CD ROM XA	✓	✓	✓	✓	x
CD Audio	✓	✓	✓	✓	x
CD Text	✓	✓	✓	✓	x
CD Extra	✓	✓	✓	✓	x
Video CD	✓	✓	✓	✓	x
Memory Stick	x	x	x	x	x
AIT	x	x	x	x	x
Reading Formats					
DVD +	R/RW	R/RW	x	R/RW	x
DVD -	R/RW	R/RW	x	R/RW	x
DVD +VR	✓	✓	x	✓	x
DVD ROM	✓	✓	x	✓	x
DVD Video	✓	✓	x	✓	x
CD ROM	✓	✓	✓	✓	x
CD ROM XA	✓	✓	✓	✓	x
CD Audio	✓	✓	✓	✓	x
CD Text	✓	✓	✓	✓	x
CD Extra	✓	✓	✓	✓	x
Photo CD	✓	✓	✓	✓	x
Video CD	✓	✓	✓	✓	x
Memory Stick	x	x	x	x	x
AIT	x	x	x	x	x
Speeds					
DVD + R	16x	16x	x	x	x
DVD + R DL	4x	2.4x	x	x	x
DVD + RW	6x	4x	x	x	x
DVD - R	16x	8x	x	x	x
DVD - RW	8x	4x	x	x	x
CD R	48x	48x	52x	52x	x
CD RW	24x	24x	32x	32x	x
CD ROM PlayBack	40x	40x	52x	52x	x
DVD ROM PlayBack	12x	12x	x	16x	x
System Requirements					
Pentium II 400MHz	Min	Min	Min	Min	Nil
Min MB RAM	128	128	64	64	64
Min HDD Space	1 GB	1 GB	250 MB	250 MB	Nil
Windows OS	2K pro/Me/XP	2K pro/Me/XP	2K pro/Me/XP	2K pro/Me/XP	98 upwards
Mac OS	x	x	✓ (S/W not supp.)	✓ (S/W not supp.)	8.6 above
Others					
Power Burn	✓	✓	✓	✓	x
Region Coding	5 changes	5 changes	x	5 changes	x
Vertical/Horizontal	✓/✓	✓/✓	✓/✓	✓/✓	x
Read/Write 80mm CD	✓/✓	✓/✓	✓/✓	✓/✓	x/x
Battery powered	x	x	x	x	x
Capacity	8.5GB	8.5GB	700MB	700MB	1.4MB
Buffer	2MB	2MB	2MB	2MB	Nil
Colour	W/B	Silver	White	White	Gray
Connections	IDE	i.LINK/USB2	IDE	IDE	USB
Software	Nero6	Nero6	B's Recorder	Nero6	Nil
Warranty	1 Year	1 Year	1 Year	1 Year	1 Year

Computer - VAIO

VGNB66GP B Series VAIO Notebook	
Microprocessor	Intel® Centrino™ Mobile Technology, Intel® Pentium® M Processor 725 (1.60 GHz), Supports Enhanced Intel SpeedStep® Technology
Operating system	Microsoft® Windows® XP Professional with Service Pack 2 (English Version) Multilanguage User Interface (pre installed Traditional Chinese)
Chipset	Intel 855GME chipset
System/Memory Bus	400MHz /333MHz
Cache memory	L1 Cache: 64KB, L2 Cache: 2MB (on CPU)
Main memory	256MB DDR SDRAM (max.1.2GB, 1 SO-DIMM slot)
Hard disk	40GB (C:15GB, D:25GB) Ultra ATA/100
Optical drive	CD-RW/DVD-ROM Drive
Graphics accelerator	Integrated in Intel 855GME chipset
Video memory	64MB (shared with main memory)
Display	14.1" XGA (1024 x 768) TFT colour display
Interfaces	USB 2.0 x2, iLINK (IEEE1394)S400(4pin), Network (RJ-45) connector (100BASE-TX/10BASE-T), Headphone jack, Microphone jack, Monitor connector (VGA, D-SUB 15pin), Modular(RJ-11) connector, Port Replicator Connector, Memory Stick slot (standard/DUO, PRO compatible)
Wireless LAN	IEEE 802.11b/g (11Mbps (b) 54Mbps (g)), Frequency: 2.4GHz, Intel PRO/Wireless 2200BG Network Connection
Modem	V.90 and V.92 compliant
PC card slot	Type I/II x1, CardBus Support
Audio	AC97 compliant, Stereo speakers, Software MIDI sound generator
Keyboard/input device	ca 19mm Key pitch/2mm Key stroke, 82 Keys, Intelligent touchpad
Battery	PCGABP2V Lithium-ion battery: Up to 4.5 hours of use (Actual battery life may vary under use)
Dimensions (WxHxD)	321 x 29 - 43.2 x 255.3mm
Weight	Approx. 2.3Kg (including supplied battery)
Supplied accessories	AC Adapter (VGPAC16V8), Lithium-ion battery (PCGABP2V)
Included software	Adobe Reader 6, Adobe Photoshop Elements 2.0, Adobe Premiere Standard, InterVideo WinDVD 5 for VAIO, Sonic RecordNow! 7, Sony DVgate Plus 2.0, Sony PictureGear 2.0, Sony SonicStage 2.1, Sony SonicStage Mastering Studio 1.4, Sony SonicStage Mastering Studio Audio Filter 1.4, Sony VAIO Control Centre 1.1, Sony VAIO Edit Components 5.0, Sony VAIO Media 3.1, Sony VAIO Original Screen Saver, Sony VAIO Update 2.1, Sony VAIO Zone 1.2, Symantec Norton Antivirus 2005
Warranty	One year Oceania (Upgrade options available)

VGNB99GP B Series VAIO Notebook	
Microprocessor	Intel® Centrino™ Mobile Technology, Intel® Pentium® M Processor 725 (1.60GHz), Supports Enhanced Intel® SpeedStep® Technology
Operating system	Microsoft® Windows® XP Professional with Service Pack 2 (English Version) Multi language user interface (Pre installed Traditional Chinese)
Chipset	Intel 855GME Chipset
Processor system bus	400MHz
Memory bus	333MHz
Cache memory	L1 Cache: 64KB L2 Cache: 2MB (on CPU)
Main memory	512MB DDR SDRAM (max.1.5GB, 1 SO-DIMM slot)
Hard disk	40GB (C:15GB, D:25GB) Ultra ATA/100
Optical drive	DVD+-RW Drive (Supporting DVD+R Double Layer Disc)
Graphics accelerator	Integrated in Intel 855GME chipset
Video memory	64MB (shared with main memory)
Display	14.1" SXGA+ (1400 x 1050) TFT colour display
Interfaces	USB 2.0 x2, iLINK (IEEE1394)S400(4pin), Network (RJ-45) connector (100BASE-TX/10BASE-T), Headphone jack, Microphone jack, Monitor connector (VGA, D-SUB 15pin), Modular(RJ-11) connector, Port Replicator Connector, Memory Stick slot (Standard/DUO, and PRO compatible)
Wireless LAN	IEEE 802.11b/g (11Mbps (b) 54Mbps (g)), Frequency:2.4GHz, Intel PRO/Wireless 2200BG Network
Modem	V.90 and V.92 compliant
PC card slot	Type I/II x1, CardBus Support
Audio	AC97 compliant, Stereo speakers, Software MIDI sound generator
Keyboard/input device	ca 19mm Key pitch/ 2mm Key stroke, 82 Keys, Intelligent touchpad
Battery	PCGABP2V Lithium-ion battery: Up to 4 hours of use (Actual battery life may vary under use)
Dimensions (WxHxD)	321 x 29 - 43.2 x 255.3mm
Weight	Approx. 2.3Kg (including supplied battery)
Supplied accessories	AC Adapter (VGPAC16V8), Lithium-ion battery (PCGABP2V)
Included software	Adobe Acrobat Reader 6, Adobe Photoshop Elements 2.0, Adobe Premiere Standard, InterVideo WinDVD 5 for VAIO, Sonic RecordNow! 7, Sony Click to DVD 2.2, Sony DVgate Plus 2.0, Sony PictureGear 2.0, Sony SonicStage 2.1, Sony SonicStage Mastering Studio 1.4, Sony SonicStage Mastering Studio Audio Filter 1.4, Sony VAIO Control Centre 1.1, Sony VAIO Edit Components 5.0, Sony VAIO Media 3.1, VAIO Original Screen Saver, Sony VAIO Update 2.1, Sony VAIO Zone 1.2, Symantec Norton Anti Virus 2005
Warranty	One year Oceania standard (Upgrade options available)

VGNFS15GP FS Series VAIO Notebook	
Microprocessor	Intel® Centrino™ Mobile Technology, Intel® Pentium® M Processor 730 (1.60GHz), Supports Enhanced Intel® SpeedStep® Technology
Operating system	Microsoft Windows XP Professional with Service Pack 2 (English Version) Pre installed Multilanguage User Interface (Traditional Chinese)
Chipset	Intel® 915PM Express Chipset
Processor system bus	533MHz
Memory bus	333MHz
Cache memory	L1 Cache: 64KB L2 Cache: 2MB (on CPU)
Main memory	512MB DDR SDRAM (max.1GB, 2 SO-DIMM slots, pre-installed memory uses 1 slot)
Hard disk	40GB (C:15GB, D:25GB) Ultra ATA/100
Optical drive	CD-RW/DVD-ROM Drive
Graphics accelerator	Dual Display Compatible, 3D Graphics Compatible, NVIDIA® GeForce Go 6200 with TurboCache™ (PCI Express x16 Connection)
Video memory	128MB
Display	15.4" WXGA (1280 x 800) Clear Bright LCD (single lamp) TFT colour display
Interfaces	USB 2.0 x3, iLINK (IEEE1394)S400(4pin), Network (RJ-45) connector (100BASE-TX/10BASE-T), Headphone jack, Microphone jack, Monitor connector (VGA, D-SUB 15 pin), Modular (RJ-11) connector, Port Replicator Connector, Memory Stick slot (Standard/Duo Size compatible), Memory Stick PRO compatible
Wireless LAN	IEEE 802.11b/g Intel PRO/Wireless 2200BG Network Connection, Data rate: Maximum 11Mbps (802.11b)/54 Mbps (g), Frequency:2.4GHz
Modem	V.90 and V.92 compliant
PC card slot	Type I/II x1, CardBus Support
Audio	Intel High Definition Audio Compatible, 3D Audio (Direct Sound 3D support), Built in stereo speakers
Keyboard/input device	ca 19mm Key pitch/2.5mm Key stroke, 86 Keys, Intelligent touchpad
Battery	VGPBPS2A (supplied) Lithium-ion battery: Up to 2 hours of use (Actual battery life may vary under use)
Dimensions (WxHxD)	364 x 25.4-35.9 x 264.5mm
Weight	Approx. 2.9Kg (including supplied battery)
Supplied accessories	AC Adapter (VGPAC19V10), Lithium-ion battery (VGPBPS2A)
Included software	Adobe Reader 6, Adobe Photoshop Elements 2.0, Adobe Premiere Standard, InterVideo WinDVD 5 for VAIO, Sonic RecordNow! 7, Sony DVgate Plus 2.0, Sony PictureGear 2.0, Sony SonicStage 2.1, Sony SonicStage Mastering Studio 1.4, SonicStage Mastering Studio Audio Filter 1.4, Sony VAIO Control Centre 1.1, Sony VAIO Edit Components 5.0, Sony VAIO Media 3.1, Sony VAIO Original Screen Saver, Sony VAIO Update 2.1, Sony VAIO Zone 1.2, Symantec Norton AntiVirus 2005
Warranty	One year Oceania (Upgrades available for purchase)

VGNFS18GP FS Series VAIO Notebook	
Microprocessor	Intel® Centrino™ Mobile Technology, Intel® Pentium® M Processor 740 (1.730GHz), Supports Enhanced Intel SpeedStep® Technology
Operating system	Microsoft Windows XP Professional with Service Pack 2 (English Version) Pre installed Multilanguage User Interface (Traditional Chinese)
Chipset	Intel 915PM Express Chipset
Processor system bus	533MHz
Memory bus	333MHz
Cache memory	L1 Cache: 64KB L2 Cache: 2MB (on CPU)
Main memory	512MB SDRAM (max.1GB, 2 SO-DIMM slots, pre-installed memory uses 1 slot partially shared with main memory)
Hard disk	80GB (C:15GB, D:65GB) Ultra ATA/100
Optical drive	DVD+-RW Drive (supporting DVD+R Double Layer disc)
Graphics accelerator	Dual Display Compatible, 3D Graphics Compatible, NVIDIA GeForce Go 6200 with TurboCache (PCI Express x16 Connection)
Video memory	128MB
Display	15.4-inch WXGA (1280 x 800) Clear Bright LCD (single lamp) TFT colour display
Interfaces	USB 2.0 x3, iLINK (IEEE1394)S400(4pin), Network (RJ-45) connector (100BASE-TX/10BASE-T), Headphone jack, Microphone jack, Monitor connector (VGA, D-SUB 15 pin), Modular (RJ-11) connector, Port Replicator Connector, Memory Stick slot (Standard/Duo Size compatible), Memory Stick PRO compatible
Wireless LAN	IEEE 802.11b/g - Intel Pro/Wireless 2200BG Network connection - Data rate 11Mbps(b) 54Mbps(g)
Modem	V.90 and V.92 compliant
PC card slot	Type I/II x1, CardBus Support
Audio	Intel High Definition Audio Compatible, 3D Audio (Direct Sound 3D support), Built in stereo speakers
Keyboard/input device	ca 19mm Key pitch/2.5mm Key stroke, 86 Keys, Intelligent touchpad
Battery	VGPBPS2A (supplied) Lithium-ion battery: Up to 2 hours of use (Actual battery life may vary under use)
Dimensions (WxHxD)	364 x 25.4-35.9 x 264.5mm
Weight	Approx. 2.9Kg (including supplied battery)
Warranty	AC Adapter (VGPAC19V10), Lithium-ion battery (VGPBPS2A)
Included software	Adobe Reader 6, Adobe Photoshop Elements 2.0, Adobe Premiere Standard, InterVideo WinDVD 5 for VAIO, Sonic RecordNow! 7, Sony Click to DVD 2.2, Sony DVgate Plus 2.0, Sony PictureGear 2.0, Sony SonicStage 2.1, Sony SonicStage Mastering Studio 1.4, SonicStage Mastering Studio Audio Filter 1.4, Sony VAIO Control Centre 1.1, Sony VAIO Edit Components 5.0, Sony VAIO Media 3.1, Sony VAIO Original Screen Saver, Sony VAIO Update 2.1, Sony VAIO Zone 1.2, Symantec Norton AntiVirus 2005
Supplied accessories	One year Oceania (Upgrades available for purchase)

Computer - VAIO

VGNT37GPS/L	
T Series VAIO Notebook	
Microprocessor	Intel® Centrino™ Mobile Technology, Intel Pentium M Processor Ultra Low Voltage 753 (1.20GHz). Supports Enhanced Intel Speedstep® Technology
Operating System	Microsoft® Windows® XP Professional with Service Pack 2 (English Version) Multi language User interface (pre-installed tradional Chinese)
Chipset	Intel® 855GME Chipset
System/Memory Bus	400MHz / 266MHz / 333MHz
Cache Memory	L1 Cache: 64KB L2 Cache: 2MB (on CPU)
Main Memory	1GB DDR SDRAM, 1 Micro-DIMM slot
Hard Disk	60GB (C: 15GB, D: 45GB) Ultra ATA/100
Optical Drive	DVD+-RW Drive (supporting DVD+R Double layer disc)
Graphics Accelerator	Integrated in Intel 855GME Chipset
Video Memory	Maximum 64MB (shared with main memory)
Display	10.6" WXGA (1280 x 768) Clear Bright LCD TFT colour display (Single Lamp)
Interfaces	USB2.0 x2, i.LINK (IEEE1394)S400(4pin), Network (RJ45) connector, Headphone jack, Microphone jack, Monitor connector (VGA), Modular(RJ-11) connector, Port Replicator Connector, Memory Stick Slot
Wireless Lan	IEEE 802.11b/g - Intel Pro/Wireless 2200BG Network connection - Data rate 11Mbps(b) 54Mbps(g)
Modem	V.90 and V.92 compliant
Bluetooth	Standard version 1.2 - Data rate - max 723kbps - output +6dBm - Freq 2.4GHz
PC Card Slot	Type I/II x1, CardBus Support
Audio	AC97 compliant, Stereo speakers, software MIDI sound generator
Keyboard/Input Device	ca 17mm Key pitch/ca 1.7mm Key stroke, 82 Keys, Intelligent Touchpad
Battery	VGPBS3A Lithium-ion battery: Approx 8.5 hours of use (Actual battery life may vary under use)
Dimensions (WxHxD)	272 x 25 - 34 x 205mm
Weight	Approx. 1.38kg (including supplied battery)
Included Software	Adobe® Reader® 6, Adobe® Photoshop® Elements 3.0 (Installer), Adobe Premiere Standard, WinDVD 5 for VAIO, RecordNow! 7, Click to DVD 2.4, DVgate Plus 2.1, PictureGear 2.0, SonicStage 3.0, SonicStage Mastering Studio 1.4, SonicStage Mastering Studio Audio Filter 1.4, VAIO Control Centre 1.1, VAIO Edit Components 5.0 VAIO Media 4.1, VAIO Original Screen Saver, VAIO Recovery Utility 2.4, VAIO Update 2.1, VAIO Zone 1.4, Norton Internet Security 2005
Supplied Accessories	AC adapter (VGPAC16V8), Lithium-ion battery (VGPBPS3A)
Warranty	One year Oceania (Upgrades available for purchase)
VGNA49GP	
A Series VAIO Notebook	
Microprocessor	Intel® Centrino™ Mobile Technology, Intel® Pentium® M Processor 770 (2.13GHz). Supports Enhanced Intel Speedstep® Technology
Operating System	Microsoft® Windows® XP Professional with Service Pack 2 (English Version) Multi language User interface (pre-installed tradional Chinese)
Chipset	Intel® 915PM Express Chipset
System/Memory Bus	533MHz / 400MHz
Cache Memory	L1 Cache: 64KB, L2 Cache: 2MB (on CPU)
Main Memory	1GB DDR2 SDRAM (upgradeable to 2GB) 2 SO-DIMM slots (The pre-installed memory module uses two)
Hard Disk	100GB (C:20GB, D:80GB) Serial ATA, 5400rpm
Optical Drive	DVD+-RW Drive (Supporting DVD+R Double Layer Disc)
Graphics Accelerator	Dual display, 3D graphics acceleration compatible, ATI Tech MOBILITY RADEON X600 (PCI Express x16 Connection)
Video Memory	256MB (Shared with main memory)
Display	17" Wide (WUXGA: 1920 x 1200) TFT colour display (Clear Bright LCD: Dual Lamp)
Interfaces	USB 2.0 x 3, i.LINK (IEEE1394) S400 (4pin), AV Out connector (NTSC/PAL), Network (RJ-45) connector, (1000BASE-T/100BASE-TX/10BASE-T), Headphone Jack, Microphone Jack, Monitor connector, Modular connector (RJ-11), Port replicator connector, Memory Stick slot
Wireless Lan	IEEE 802.11b/g - Intel Pro/Wireless 2200BG Network connection - Data rate 11Mbps(b) 54Mbps(g)
Modem	V.90 and V.92 compliant
PC Card Slot	Type I/II x 1, CardBus support
Audio	Intel® High definition Audio Compatible, 3D Audio (Direct Sound 3D support). Built-in Stereo Speakers
Keyboard/Input Devices	ca 19mm Key Pitch / ca 3mm Key stroke, 86 keys, Intelligent Touchpad
Battery	PCGABP2EA Lithium-ion Battery: Up to 2 hours use (Actual battery life may vary under use)
Dimensions (WxHxD)	405.5 x 42.2 - 45.5 x 280.1mm
Weight	3.96Kg (including supplied battery)
Included Software	Adobe® Reader® 6, Adobe® Photoshop® Elements 3.0 (Installer), Adobe Premiere Standard, WinDVD 5 for VAIO, RecordNow! 7, Click to DVD 2.4, DVgate Plus 2.1, PictureGear 2.0, SonicStage 3.0, SonicStage Mastering Studio 1.4, SonicStage Mastering Studio Audio Filter 1.4, VAIO Control Centre 1.1, VAIO Edit Components 5.0 VAIO Media 4.1, VAIO Original Screen Saver, VAIO Recovery Utility 2.4, VAIO Update 2.1, VAIO Zone 1.4, Norton Internet Security 2005
Supplied Accessories	AC Adapter (PCGAAC19V7), Lithium-ion battery (PCGABP2EA) , Audio Port Replicator, External Speakers, Remote commander, Memory Card Adaptor
Warranty	One year Oceania (Upgrades available for purchase)
VGNS38GP	
S Series VAIO Notebook	
Microprocessor	Intel® Centrino™ Mobile Technology, Intel® Pentium® M Processor 740 (1.73GHz). Supports Enhanced Intel Speedstep® Technology
Operating System	Microsoft® Windows® XP Professional with Service Pack 2 (English Version) Multi language User interface (pre-installed tradional Chinese)
Chipset	Intel® 915PM Express Chipset
System/Memory Bus	533MHz / 400MHz
Cache Memory	L1 Cache: 64KB L2 Cache: 2MB (on CPU)
Main Memory	512MB DDR2 SDRAM (max.2GB, partially shared with video memory) 2 SO-DIMM slots (the pre-installed uses 1 slot)
Hard Disk	60GB (C:15GB, D:45GB) Serial ATA, 5400rpm
Optical Drive	DVD+-RW Drive
Graphics Accelerator	Dual Display Compatible / 3D Graphics Compatible / NVIDIA® GeForce™ Go 6200 with TurboCache™ (PCI Express x16 connection)
Video Memory	128MB
Display	13.3" WXGA (1280 x 800) Clear Bright LCD (single lamp) TFT colour display
Interfaces	USB 2.0 x2, i.LINK (IEEE1394)S400(4pin), Network (RJ45) connector, Headphone jack, Microphone jack, Monitor connector (VGA), Modular(RJ-11) connector, Port Replicator Connector, Memory Stick
Wireless Lan	IEEE 802.11b/g - Intel Pro/Wireless 2200BG Network connection - Data rate 11Mbps(b) 54Mbps(g)
Modem	V.90 and V.92 compliant
Bluetooth	Standard version 1.2 - Data rate - max 723kbps - output +6dBm - Freq 2.4GHz
PC Card Slot	Type I/II x1, CardBus Support
Audio	Intel® High definition Audio Compatible, 3D Audio (Direct Sound 3D support). Built-in Stereo Speakers
Keyboard/Input Devices	ca 18mm Key pitch/ca 2mm Key stroke, 82 Keys, Intelligent touchpad
Battery	VGPBPS2 Lithium-ion battery: Up to 3.5 hours of use (Actual battery life may vary under use)
Dimensions (WxHxD)	312.5 x 29.9-35.4 x 224.8mm
Weight	Approx. 1.95Kg (including supplied battery)
Included Software	Adobe® Reader 6, Adobe® Photoshop® Elements 2.0,Adobe® Premiere® Standard, InterVideo WinDVD 5 for VAIO, Sonic RecordNow! 7, Sony Click to DVD 2.2, Sony DVgate Plus 2.0, Sony PictureGear 2.0, Sony SonicStage 2.1, Sony SonicStage Mastering Studio 1.4, SonicStage Mastering Studio Audio Filter 1.4, Sony VAIO Control Center 1.1, Sony VAIO Edit Components 5.0, Sony VAIO Media 3.1, Sony VAIO Original Screen Saver, Sony VAIO Update 2.1, Sony VAIO Zone 1.2, Symantec Norton AntiVirus 2005
Supplied Accessories	AC Adapter (VGPAC19V10), Lithium-ion battery (VGPBPS2)
Warranty	One year Oceania (Upgrades available for purchase)

1 BIT D/A CONVERTER (DAC)
The 1 bit D/A Converter virtually eliminates the audio signal distortion created at the time of digital-analogue (D/A) conversion. Unlike conventional systems, the new 1 bit D/A Converter has a single current source and a single electronic switch, creating distortion-free output. The result is soft and natural high quality sound, especially at levels containing subtle musical information.

100HZ
Conventional TVs refresh the entire image at 50Hz (50 times per second). Unfortunately, this may result in perceptible flicker. Sony 100Hz TVs scan the entire image at 100Hz (100 times per second) resulting in more stable images and less noticeable flicker.

14BIT DXP
The 14bit analogue-to-digital converter greatly reduces noise and other imperfections that can affect overall image quality. The 14bit sampling process delivers four times more dynamic luminance range than 12bit systems, ensuring a much higher level of picture accuracy.

12/16 BIT PCM STEREO
Record and playback from either dual 12bit stereo channels for sophisticated audio editing or 16bit stereo channels for sterling quality sound. The audio dubbing function gives you the option to dub a separate 12bit/32kHz stereo background music soundtrack or narration for polished post production video results.

2 SPEED DUBBING
Choose the 2.4cm/sec. mode for normal tape speed and recording, or select the 1.2cm/sec. mode to double recording time.

2 TUNER (PICTURE IN PICTURE)
Allows viewing of two screens at the same time. Features like freeze, position select, swap, TV/Video/Text and programme up/down, give you full control of both screens at any time.

4 COLOUR CCD
Conventional digital cameras capture images using a 3 colour primary filter recording system. Sony digital cameras with a 4 colour CCD system have an additional Emerald colour filter for substantially improved colour image reproduction that is closer to the human eye.

5 BAND GRAPHIC EQUALIZER
This feature allows you to change the bass, mid-range and treble frequencies independently on a Sony television. The 5 Band Graphic Equalizer feature incorporates three sound presets and one custom preset.

96KHZ/24-BIT AUDIO DAC
DAC (Digital-to-Audio Converter). The 96kHz/24-bit Digital-to-Analogue Converter maximises the potential of digital sound that is recorded in the 96kHz/24-bit format, giving wider dynamic range and extended frequency response. This offers a more natural sound that is closer to the original audio master.

A

ACCESSORY SHOE
Intelligent Accessory Shoe enables specifically designed accessories to be powered and controlled via Handycam functions. Cold Accessory Shoe allows connection of specifically designed self-powered accessories.

A/D CONVERTER
A device which converts analog signals into digital signals.

ADVANCED HAD
The Advanced Hole Accumulation Diode (HAD) CCD signal processing system provides brilliant results even in low-light situations. This is possible because it has greater luminance sensitivity and a wider dynamic range which drastically improves the signal to noise ratio. This advantage is especially obvious for natural evening scenes or indoor events.

ADVANCED PULSE D/A CONVERTER
When more pulses are output in a given time, the precision of the music waveform is increased. This feature ensures an extremely high pulse density. The theoretical dynamic range of this system is a very high 131dB. The sound produced is more expressive and transparent.

AMS (AUTO MUSIC SENSOR)
The AMS quickly locates the beginning of the next or previous track.

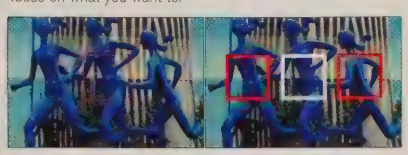
ANALOG DIRECT SWITCH
Creates a straight and simple signal path, eliminating digital noise.

ANSI LUMENS (AMERICAN NATIONAL STANDARDS INSTITUTE)
A standard for measuring light output, used for comparing projectors.

ANTI-ROLLING MECHANISM
Wow and flutter (audio distortion) caused by vibration, are mechanically prevented with this mechanism.

ATRAC3PLUS
ATRAC3plus is an advanced audio compression technology offering multiple bit rates, allowing you to create music compilations tailored to your listening preference. You have the ability to compile up to 490 songs on one CD or 45 hours worth of music on a Hi-MD disc @48kbps. ATRAC3plus offers extended song capacity with superior sound quality.

AUTO FOCUS - MULTI POINT AND CENTER WEIGHTED
The auto Multi Point AF and Centre Weighted Focus allows for more precise and accurate control of focusing objects - capturing sharper pictures, even for novice photographers. Allows you to focus on what you want to.



AUTO CALIBRATION
To maximise individual tape performance Sony's Auto Calibration system measures and tests the tape to automatically select the ideal bias and gain settings - from 1024 options - in just over two seconds.

AUTO EXPOSURE BRACKETING
Auto Exposure Bracketing automatically sets three different levels of exposure and captures three images – the default exposure, lighter and also darker exposure.

AUTO PIXEL ALIGNMENT
A system for detecting mismatch of pixel alignment over the LCD panel and automatically adjusting the alignment through image re-sizing and shift to give optimum picture performance.

AUTO-RANKING MODE
The new Auto Ranking Play mode plays back your favourite songs by automatically recognising how often each song is played. This feature even remembers your favourite songs for up to 10 different discs!

AUTO SPACE
With Auto Space, you can insert three seconds of blank space between each CD track selection. Also, when playing discs with more than three seconds of space between tracks, Auto Space lets you shorten it to three seconds.

AUTO SYSTEM SELECT
This feature automatically selects the correct parameters for playback, no matter which system your videotape was recorded on. Simply insert the tape and Viewtopia will adjust to the correct system for playback.

AUTOMATIC FOCUS
This system automatically senses the distance between the camcorder and your subject and adjusts the lens focus accordingly.

AUXILIARY INPUT
Allows connection of another component, for example VCR or MiniDisc Recorder.

AVLS
Automatic Volume Limiting System maintains volume output levels below distortion threshold for cleaner sound reproduction.

A/V REMOTE COMMANDER
To confirm Sony receivers' position as the ideal A/V control centre, most models are supplied with a Sony A/V Remote Commander. This single remote control will control most Sony CD players, tape decks, VHS VCR's, DVD players, Sony TV's and key receiver functions. There is one set of transport keys (Play, Rew, etc), which change to the appropriate source input and activate that source.

AV/VIDEO OUT AND SLIDE SHOW PLAYBACK
Simple and convenient playback of your favourite photos and movies on television via the audio/visual output sockets on compatible Digital Still cameras.

B

BACKWARDS COMPATIBLE
Already own an old 8mm Handycam, but want to upgrade to the digital standard? No problem – with Digital 8 Handycams you'll be able to playback your old 8mm tapes on the same camera. Available on selected models only.

BARCUS-BERRY ELECTRONICS (BBE)
Reduces audio distortion, adding a longer delay time to lower frequencies so that higher frequencies are transmitted simultaneously, thereby neutralising the distortion effect.

BASS REFLEX
Reflex enclosure extends the bass cut off point by venting some of the energy from inside the duct to the outside. Material such as longhair wool or fibreglass batting is often placed inside the duct to smooth response peaks. This can increase the speakers' sensitivity, frequency and output level.

BATTERY INDICATOR LED
This indicator shows how much power is left in the battery.

BI PIXEL IP CONVERSION
Used to convert standard (interlaced) video into a progressive signal which can be displayed by a panel display device (plasma etc). Responds to changes in PAL video signal content by employing proprietary algorithms to handle the challenging task of processing video originated content, which reduces motion artifacts for smoother image reproduction.

BIT RATE
Indicates the data amount per second. The rate is reflected in bps (bit per second). 64kbps means 64000 bits of information per second. If the bit rate is large, that means a large amount of information is used to play music. Comparing music of the same format (e.g. ATRAC3plus), 64kbps data offers better sound quality than 48kbps data. However, audio files in formats such as MP3 have different encoding methods, and thus sound quality cannot be determined by simply comparing the bit rate.

BLOCK NOISE REDUCTION
Suppresses vertical edge distortions for a smoother, more natural DVD picture.

BLUETOOTH
A standard for wireless connectivity. It is designed to eliminate cables between portable consumer devices such as cellular phones, laptop computers, PDAs and many other electronic products.

BMC BULK MOULDING COMPOUND TRAY
Sony SACD players such as the SCDXA9000ES features a disc tray manufactured from a strong, composite-type material with internal loss properties to reduce vibration and resonance.

BURST MODE
You can take multiple shots sequentially to capture a moving object at one shooting using memory buffering.

C

CARL ZEISS LENS
High quality precision optics from the German company Carl Zeiss. Carl Zeiss lenses are unique because every lens must pass stringent computerised quality testing for 100% quality assurance before they can be used in a Sony camera.

CARL ZEISS T* LENS
The highest quality lens from Carl Zeiss featuring a unique T* optical coating that substantially reduces lens flare.

CCD (CHARGE COUPLED DEVICE)
The most common type of image sensor. The CCD works in the same way as the human eye and consists of hundreds of thousands of pixels that individually sense red, green and blue light.

CD SYNCHRO RECORD
Allows quick and easy CD to tape recording by synchronising play and record start times from one button.

CD-TEXT
The CD player displays the album name and track titles so you can easily navigate through your disc collection in a multi-CD changer. It does so by extracting text data from CD Text capable CDs.

CD-TEXT TRANSFER
This lets you copy text from a CD to a new MiniDisc, providing the CD is CD-TEXT enabled and hasn't been copyright protected and your MiniDisc has no other information on it. You can automatically record the disc and track names to MiniDisc using the function MEGA-CD Control or CD Sync.

CINEFRAME
Cineframe is an effect that allows the appreciation of a 24 frames/sec style similar to a professional movie, or a 30 frames/sec style akin to that of a TV commercial.

CINEFRAME 24
Cineframe 24 is an effect that allows reproduction of the 24 frames/sec mood of a professional movie.

CINEFRAME 30
Cineframe 30 reproduces the 30 frame/sec movie that is best suited for videos, ideal for moving pictures.

CINEMA BLACK MODE
Lamp wattage output is reduced along with fan noise. Cinema Black Mode increases blackness, extends lamp life and is ideal for viewing film sources.

CINEMATONE GAMMA
Cinematone Gamma featured on the HDR-FX1E differs from those in VCRs, it is a specific gamma curve for creating professional-quality movies. To recreate the feel of a real movie, the camera enables skin tones that are better than those in standard video gamma. It also enables fresh skin tones through a natural half-tone recreation from skin tone to neutral colours. In addition, highlighted areas are given depth through extremely high picture processing.

CLEAR COLOUR NOISE REDUCTION (CLEAR COLOUR NR)
This function is extremely useful when photographing landscapes. It analyses the light and colour frequency of an image and smoothens out the distortion caused by the prolonged exposure, creating a natural tone reproduction. Clear blue skies, dark blue seas and green forests are all reproduced more realistically.

CLEAR LUMINANCE NOISE REDUCTION (CLEAR LUMINANCE NR)
Providing crisper, cleaner images with increased contrast, Clear Luminance NR uses a filter to smooth the transition between areas of sudden or significant alteration in light. This also improves detail in areas where light levels are flat, avoiding noise that could be confused with details in the picture: Noise is removed and the only details you see are those true to your image, not tricks of light.

CLOSED AIR HEADPHONE
The ear pads on the headphones cover the ear, decreasing the level of background noise for superior sound.

COAXIAL CABLE
A low-noise cable in which a conductor is surrounded by a grounded braid. Coaxial cables are used to carry RF signals from TV aerials. Also used with the electrical digital audio signal from DVD players.

COLD ACCESSORY SHOE
See Accessory Shoe.

COLOUR SLOW SHUTTER
In relatively dark (low lux) situations, Colour Slow Shutter can take colour recordings and actually helps to capture your subject in more realistic natural colours.

COLOUR TEMPERATURE
A measure of the colour of a light source relative to a black body at a particular temperature, expressed in degrees Kelvin (°K). Low colour temperatures have a red-yellow tone; daylight has a high colour temperature (approximately 6000°K) and appears bluish.

COLOUR TUNING TECHNOLOGY
Sony LCD monitors are expertly colour-tuned using Sony's exclusive colour tuning technology for improved colour accuracy and superior image quality at all times.

COMPONENT VIDEO OUTPUT
Commonly found in DVD players, these terminals are used to output high quality video signals directly to devices with DVD component inputs such as selected models of Sony TVs. The video signals are separated into three separate channels for the best possible relay of signal.

COMPOSITE VIDEO OUTPUT
This is the most common form of video signal connection. All aspects of a video signal is combined and delivered through the composite connection. Superior image quality can usually be derived by using S-video or DVD component connections.

CONTRAST RATIO
The ratio between white and black. The larger the contrast ratio the greater the ability of a projector to show subtle colour details and tolerate extraneous room light. There are two methods used by the projection industry: 1) Full On/Off contrast measures the ratio of the light output of an all while image (full on) and the light output of an all black (full off) image. 2) ANSI contrast is measured with a pattern of 16 alternating black and white rectangles. The average light output from the white rectangles is divided by the average light output of the black rectangles to determine the ANSI contrast ratio. When comparing the contrast ratio of projectors make sure you are comparing the same type of contrast. Full On/Off contrast will always be a larger number that ANSI contrast for the same projector.

CONTROL A1
Control A1 is a control system for audio components. This allows Sony Hi-Fi components to communicate with each other, for example synchronous dubbing for cassette and MiniDisc, Mega Storage controls on CD players and GUI (Graphic User Interface) with receivers.

CURRENT PULSE D/A CONVERTER
In past 1-bit converters, pulse height, which should be constant, has been dependent on the supply voltage with its inevitable small fluctuations. Sony circuit engineers have designed a Current Pulse D/A Converter, which provides high conversion accuracy of 120dB or above and remains largely unaffected by supply voltage fluctuations.

CUSTOM FILE
The Custom File facility memorises track and playing time information to identify up to 300 discs. Programmable Bank then allows you to store your favourite track order for each disc. Disc Memo allows you to create a name for each disc that will appear on the player's large fluorescent display when it is inserted. Level File allows you to preset a playback level for each disk and Delete Bank allows to you to permanently delete unwanted tracks.

CUSTOM PARENTAL CONTROL
Prevent children from viewing inappropriate movies by adding a 4-digit identification code in Sony DVD players.

CUSTOM PICTURE MODE
Select from 5 settings (Standard, Dynamic 1 & 2 and Cinema 1 & 2) for adjusting picture sharpness and control in Sony DVD players.

CUSTOM PRESET BUTTON
A Custom Preset Button on your Handycam allows you to remember preset user-specified parameters that suit individual tastes and preferences. Variables such as Colour, Sharpness, White Balance shift, Auto Exposure shift and Auto Gain Control can be adjusted for the desired effect.

D

D/A CONVERTER
The Digital-to-Analogue (D/A) converter is one of a CD player's most important elements, changing the numerical data on the CD into music.

DAILY/REC TIMER
You can set the timer to record from the radio at a pre-determined time.

DATA CODE
Recorded on a separate track, this date and time information is automatically inserted using the Handycam's built-in clock. It can be displayed in the viewfinder or on your playback monitor if you choose.

DATE AND TIME STAMPING
Each message is labelled with the time and date at the point of recording for easy reference. Excellent for organising your messages at the end of the day.

DATE/TIME INSERT
Lets user superimpose the date and or time on the tape as it is being recorded, so that it will show in the picture during playback.

DBFB
Dynamic Bass Feedback is a highly sensitive bass enhancement system that produces a full-bodied bass sound even at low volume.

DECIBEL (DB)
the logarithmic unit of measurement to compare the relative intensity of acoustic or electrical signal, equal to one-tenth of a Bel, named for American inventor Alexander Graham Bell (1847 to 1922).

DIGITAL AMPLIFIER
A Digital Amplifier reduces noise which may be added after the signal is processed by the DSP and D/A Converter. Featured on MD WALKMAN.

DIGITAL CINEMA SOUND
Sony's exclusive sound processing system that recreates the sound characteristics of true Hollywood dubbing studios used in recording movie soundtracks. Digital Cinema Sound consists of three sound-field modes based on three different dubbing studios
- Cinema Studio A, Cinema Studio B and Cinema Studio C
- Cinema Studio A: Sony Pictures Entertainment Cary Grant Theatre, suitable for most movies
- Cinema Studio B: Sony Pictures Entertainment Kim Novak Theatre, ideal for action movies
- Cinema Studio C: Sony Pictures Entertainment Scoring Studio, ideal for musicals or orchestral soundtracks.

DIGITAL COMB FILTER
The Digital Comb Filter provides digital processing to minimise dot-crawl distortion and colour noise, not achievable with a general comb filter. The dramatic difference is a clearer and more accurate separation of luminance and colour signals.

DIGITAL EXTENDED PROCESSOR (DXP)
The DXP processor converts the data from the CCD into the digital data that can be processed by the digital camera. Sony digital cameras that use a 14bit DXP achieve a more accurate conversion through improved signal to noise ratio and results in clearer and more detailed images regardless of how bright or dark the lighting conditions are.

DIGITAL PROGRAM EDITING
Edit directly up to 20 cut scenes with ease, just search and mark In and Out points. To do this, just use the remote control or the 'Video Edit' menu on the Handycam itself. This function lets you cut with precise accuracy for a credible professional finish. Tape-MS mode allows transfer of edited segments directly to Memory Stick as an MPEG1 file.

Mark IN Point Mark OUT Point

DIGITAL SIGNAL PROCESSING (DSP)
Sony introduced Digital Signal Processing in home entertainment products in the late 1980s. When a receiver or amplifier is equipped with DSP, the analog output signal from the Pro Logic decoder passes through an A/D converter where delay and reverberation are added. Effects are controlled in the digital domain, and the signal is reconverted into analog by a D/A converter. Equalisation (tone control) is then performed in the analog domain.

DIGITAL THEATRE SYSTEMS (DTS)
DTS is a multichannel audio compression format similar to Dolby Digital, but differing in that it generally uses higher data rates offering better quality.

- DTS: Digital discrete 5.1 sound (left, centre, right, rear left, rear right, low frequency emitter).
- DTS Discrete 6.1: Digital discrete 6.1 sound (left, centre, right, rear left, rear centre, rear right, low frequency emitter).
- DTS ES 96/24: Digital discrete 5.1 sound (left, centre, right, rear left, rear right, low frequency emitter) using extended bandwidth (up to 96kHz) designed for music.
- DTS ES Matrix 6.1: Digital discrete 5.1 sound (left, centre, right, rear left, rear centre, rear right, low frequency emitter) with matrix rear centre.
- DTS Neo 6: Digital matrix 6.1 sound (left, centre, right, right left, rear centre, rear right, low frequency emitter).

DIGITAL TUNER
Allows ease of operation and precise tuning with a digital display.

DIGITAL VERSATILE DISC (DVD)
Optical digital disc storage that encompasses audio, video, and computer data. DVD uses the UDF file system. Single-side, single-layer discs have 4.7GB capacity; through to double-sided, dual-layer discs with 17GB capacity.

- DVD Video: pre-mastered video discs.
- DVD Audio (DVD-A): Pre-mastered media incorporating extended bandwidth or 5.1 channel audio along with limited video content.
- DVD Read Only Memory (DVD-ROM): Pre-recorded media, 4.7GB capacity, optimised for data use.
- DVD ""Minus"" Recordable (DVD-R): Write-once media, 4.7GB capacity, optimised for video use.
- DVD ""MInus"" ReWritable Video Recording Mode (DVD-RW VR Mode): Allows for added flexibility when recording and editing. Features such as in camera editing, erase and re-recording, play list display are possible. Playback is limited to compatible products.
- DVD ""Minus"" Random Access Memory (DVD-RAM): Re-writable media, 4.7GB capacity, optimised for data use.
- DVD ""Plus"" Recordable (DVD+R): Write-once media, 4.7GB capacity, optimised for video and data use.
- DVD ""Plus"" ReWritable (DVD+RW): Re-writable (100,000 times) media, 4.7GB capacity, optimised for video and data use.

DIGITAL VIDEO ENHANCER
Picture enhancement feature in Sony DVD players that sharpens video images while suppressing picture noise.

DIGITAL ZOOM
Video circuitry that extends the optical lens' zoom range by expanding the central portion of the image sensor to fill the entire screen. It is ideal for getting right up close to the action.

DIRECT AV EQ

Maximise all your audio enjoyment with Direct AV EQ. Sony's Hifi system powers your music, adds impact to your movie soundtrack and even your game console. With up to 12 preset equaliser functions that cater for music (Pop, Rock, Soul, Oriental, Dance, Jazz etc), movie (Drama, Action and Musical) and games (Arcade, Adventure and Racing), Sony makes it easy to bring out the best of whatever you're listening to. And if you want more control, Direct AV EQ even lets you store customised settings in three personal files. Just press one of four cardinal points on the Direct AV EQ button for instant access to your favourite settings.

(Not applicable to some models).

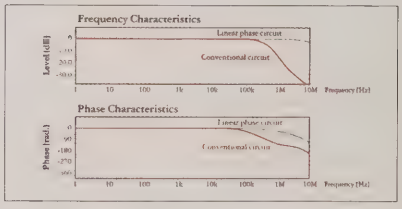
DIRECT STREAM DIGITAL (DSD)
Is the advanced recording technology that makes SACD possible. Standard CDs use 44.1kHz/16-bit PCM to represent audio in digital form. DSD, on the other hand, is a 1-bit technology that samples music 2.82 million times per second, capturing 4 times more information. the resulting sound is warmer, smoother and more "analog" than anything 44.1kHz/16-bit PCM can deliver.

DNR
Digital Noise Reduction. A feature, built into many TVs, VCRs and DVD players, that aims to reduce grain from tapes and terrestrial broadcasts received via imperfect aerials.

DOLBY B AND C NOISE REDUCTION
Dolby B, which eliminates noise in the higher frequencies was the first noise reduction system developed. It was followed by Dolby C, which reduces noise down into the midrange where tape hiss and modulation noise aren't as noticeable but are still audible. The tape must be recorded and played back with the same noise reduction system on. Since car and headphone stereos are often equipped with Dolby B, cassette tapes to be played back on these systems should be recorded with Dolby B.

DRC
Digital Reality Creation is a picture enhancement technology that effectively increases the picture definition of video images by adding more pixels and lines to the image. Unlike conventional image processing systems, DRC is capable of processing video signals in real-time resulting in smoother, jerk-free images.

DSS (DESIGN STANDARD FOR SUPER AUDIO CD)
Expanded Frequency Response for Super Audio CD and DVD Audio. This is a new standard for power amplifier design. It ensures the extra wide frequency response for Super Audio CD can be reproduced in its entirety.



DVCAM
A professional videotape format. A variant of the consumer DV videotape format offering superior performance, editing capabilities and robustness. DVCAM camcorders and VTRs employ the same ME tape as DV, will playback DV recordings and have appropriate design features for professional and broadcasting applications.

DYE SUBLIMATION
Sony digital photo printers that use dye sublimation printing technology can produce photo prints that are fade-free for almost a century. A printing process where wax film is thermally applied to printing media, each dot that is applied to the print can represent one of 256 different colours for incredible quality. Sony's superior Super Coat paper technology makes the prints virtually tear-proof and even resists water.

DYNAMIC BASS FEEDBACK (DBFB)
A highly sensitive bass enhancement system in Sony TVs that produces full-bodied bass even at low volumes.

E

EMD
Electronic Music Distribution Service. Generic name for online services that distribute music content in digital form over the internet.

EASY HANDYCAM MODE
The Easy Handycam mode conveniently sets the camcorder to full automatic. It also reduces the number of features that can be accessed through the on screen menu system and increases the font sizes for easier viewing.

EQ (EQUALISER)
Changes the relative volume of individual frequency bands to suit the individual tastes of the listener.

EQ CURVE
Equalization pattern setting that emphasises on bass and higher frequency signals for a more dynamic sound.

EXPOSURE
The combination of the amount of light the iris lets through to the image sensor, and the length of time for which the High Speed Shutter sensitises the image sensor.

EXTENDED DEFINITION (ED)
A speaker design that accommodates the far wider frequency response of high-resolution audio sources like the Super Audio Compact Disc. Compared to the conventional cut-off of 20,000Hz; it can achieve a response of 50,000 Hz or more.

F

FASTEXT
Enables quick and convenient page access to the latest teletext information at the touch of a button on the remote commander.

FASTEXT COMPATIBLE REMOTE
This remote enables additional control of teletext using the standard Fastext colour coded buttons.

FEATHER TOUCH OPERATION
Electrically operated soft touch tape control keys.

FR PICTURE SEARCH
This lets you watch the video in picture search mode when you press fast forward or rewind during fast forward or rewind mode.

FRAME AND BEAM CONSTRUCTION
A special beam encircles the chassis' circumference, along with a separate beam spanning the front and rear to make up the strong and rigid FB chassis that enhances protection against vibration and instability.

FREQUENCY CUT-OFF SELECTOR
This allows the user to select the frequency level that the subwoofer cuts off at. This generally depends on the speakers being used with the subwoofer. If the subwoofer is used with small satellite speakers, the cut-off frequency should be set high whereas with larger floorstanding speakers the cut-off frequency would be set low.

FRONT LINE INPUTS
Ideal for camcorder connections. Facilitates easy playback and dubbing.

FORWARD/REVERSE TIME SETTING
Change the time display easily by making adjustments in either the forward or reverse direction.

G

GAME MODE (TV)
Pushing the game mode button will automatically switch the TV to game video input, which automatically adjusts picture and sound settings adjusted to optimum levels.

GAME SYNC
Now you can get in sync with all your video games. Just press the Game Sync button to get the best gaming audio experience. Instantly powers up the Hifi from off/standby status, and automatically switches to your game audio input. The equalizer is also adjusted to maximise your audio experience. Just the perfect match for your favourite gaming console.

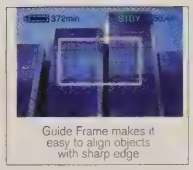
*** G-CODE PROGRAMMING**
Using the G-Code numbers listed in TV programme guides has never been easier. All you have to do to set the programme timer is enter the G-Code number and the VCR automatically sets the date, time and programme position. Up to eight programmes can be preset at a time.

G-PROTECTION
A buffer memory mechanism that prevents its portable audio equipment from skipping under most conditions. the technology recovers laser position 10 times faster than previous designs; so it can withstand the impact of jogging (and other sports) at the rate of 8G impacts, 3 times per second.

V-GROOVE
V-Groove is so called because of the V-shape that the EQ curve takes on, thus further emphasizing most bass signals, and some higher frequency signals.

GROUP FILE
Group file categorises up to 400 CDs in up to eight different groups, based on either their musical genre or your personal taste.

GUIDE FRAME
To help you align the camera's horizontal axis with the scene, a guide frame is superimposed over the image and appears in the viewfinder or LCD panel. This makes it easy to align objects with sharp edges and with well-defined lines.



Guide Frame makes it easy to align objects with sharp edge

H

HD CODEC ENGINE™
The Sony Handycam HDR-FX1E employs Sony's highly advanced HD Codec Engine that efficiently compresses massive digital data while maintaining optimal HD quality. Designed for reduced energy consumption, this powerful digital signal processor fits perfectly inside the compact and streamlined body of the HDR-FX1E.

HEAD
The electronic component that makes contact with the tape to convert electronic signals into pictures. Most camcorders have at least two - for video recording and erasing.

Hi8
An improved version of the 8mm tape format. Hi8 tapes look like 8mm tapes but use a superior tape formulation, which provides a wider luminance bandwidth. This results in a sharper picture quality, with up to 400 lines of horizontal solution.

HIGH DEFINITION VIDEO 1080i
Offering high resolution recording and playback (1440x1080 compared with standard definition 720x576) the superiority of HDV technology in 1080i picture format gives smoother and clearer digital picture, compared to conventional DV. MPEG-2 compression format is used to record HD video on affordable MiniDV tapes resulting exceptional video quality, near CD quality sound.

HIGH ORIENTED POLYOLEFENE (HOP)
A very lightweight, rigid speaker cone material which gives superb bass and mid-range sound even when being driven at maximum volume.

HIGH SPEED DUBBING
Twice the normal speed of tape-to-tape copying.

HIGH SPEED GRAPHIC ENGINE
Sony LCD monitors incorporate a unique High Speed Graphic Engine that was developed with one simple purpose – to ensure that all moving images appear smoother and more realistic - superior to conventional LCD monitors.

HISTOGRAM INDICATOR
A histogram display shows the image's brightness in the form of a graph. The horizontal axis shows the brightness while the vertical axis shows the number of pixels. This is a useful reference for checking the exposure during recording and playback without being affected by the brightness of the LCD screen.

HOLOGRAM AF
Hologram AF is a laser controlled focusing system that zeroes in on details under low light/no light conditions. It projects a laser hologram grid pattern as far as 4.5 m to identify contrast edges on the subject, ensuring precise focus, even at night.

HYBRID LCD SCREEN
Unique LCD screen technology that ensures images can be seen clearly even in bright environments. The LCD backlight can also be turned off to reduce power consumption.

HYPERSURROUND
There are five HyperSurround modes - Music, Movie, Space, Hall and News – to give you the added audio enjoyment of three-dimensional acoustic effects.

I

i.LINK DIGITAL AUDIO INTERFACE
Sony SACD players with i.LINK digital audio interface can transmit high quality multi-channel SACD audio signals to i.LINK-equipped amplifiers. Using the i.LINK digital interface results in improved sound quality as it bypasses the digital to analogue converters required for each channel on the SACD player.

IEEE 1394 i.LINK
An international standard referring to the cable link between separate pieces of digital audio/visual equipment. Also referred to as Fire Wire.

ILLUMINATED REMOTE BUTTONS
For ease of use in darkened conditions. These buttons self-illuminate in the dark.

INDEX SEARCH
The VCR automatically marks an index signal at the beginning of a recording. It can be used as a reference to find the beginning of a recording, or to mark favourite scenes and events.

INFOLITHIUM BATTERY SYSTEM
This system is smaller and lighter than conventional battery systems and has no memory effect. This means it isn't necessary to discharge the battery before recharging it. In fact infoLITHIUM ion battery systems can be charged from any point and give accurate to-the-minute battery life indication.

INLINE DESIGN
For a true eye-level view of the recording, the DCRVX2100E sports a unique inline design. The viewfinder, lens and microphone are arranged in one straight line for perfect alignment of the subject and the eye.

INTELLIGENT ACCESSORY SHOE
See Accessory Shoe.

INTELLIGENT PICTURE NOISE CANCELLATION (IPNC)
When poor broadcasting causes weak signals, picture noise is inevitable, resulting in specks and fuzziness throughout the screen. With IPNC, the effects of picture noise are reduced, improving overall image quality.

ISS SWITCH
Eliminates the beating sound, which may occur when recording from AM broadcasts.

J

JPEG COMPRESSION
Still digitised images are saved using the JPEG compression algorithm. Files are compatible with any Internet browser in Win 3.1 or Mac O/S 7.5 and above.

K

KEYSTONE
Keystone is the distortion that can occur when a projected image source and screen are not correctly aligned. This results in an image that might be narrow at the bottom and wider at the top. All Sony projectors have digital keystone correction which enables this to be digitally corrected.

L

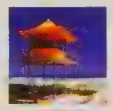
LANC
Advanced remote jack offers two-way communication between your Handycam and an edit controller.

LCD
LCD stands for Liquid Crystal Display and comes in many forms, sizes, and resolutions. Its primary purpose is to present a digital image for viewing. A common use of LCD's is as a display on a notebook computer, or LCD panels in a video projector.

LED TUNING INDICATOR
When the signal is caught, the LED tuning indicator lights up.

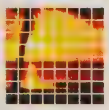
LENTICULAR LENS
Lenticular lens screen has fine vertical ribbed surface on one side that disperses and spreads the light out more evenly for a larger horizontal viewing angle.

LIGHT METERING
Spot
Determines optimal exposure for the central 3% area by measuring the light of that area ONLY. Advantage: Useful for spot-lighted subjects or when you want to have optimal exposure for a specific point.



Center-Weighted
Measuring light on the central area 15% by attributing weights, 'two' for the central area vs 'one' for the periphery. Advantage: Useful when the center is bright whereas periphery is dark or when you want to take such a picture.

Multi-Pattern
Divides total image area into 49 regions and measures light in each region. The CPU calculates the optimal exposure using algorithms. Advantage: Especially advantageous for scenes with varied brightness or in case the key subject lies off-center.



LINEAR PCM
An uncompressed digital audio recording format used in CDs and other media. It offers high-quality sound since the signal is not compressed, but also offers shorter recording time compared to using audio compression methods such as ATRAC3plus.

LINE IN/OUT
Enables CD players, MiniDisc players and other audio/visual equipment to be played through other sound sources or accept a signal from another source.

LIP SYNC CORRECTION
This feature allows you to correct the audio and video synchronisation delays that sometimes occur when watching DVDs.

LUMINANCE TRANSIENT IMPROVEMENT (LTI)
LTI eliminates picture noise, cleaning up and sharpening images with remarkable clarity. Fine details, such as grains of sand on a beach or leaves on a tree are amazingly distinct and clear.

LUX
A metric unit of light, similar to the foot candle. 10 Lux equals approximately 1 foot candle.

M

MAGIC GATE MEMORY STICK
A compact IC recording media "Memory Stick" equipped with "MagicGate" copyright protection technology. You can record or play data, such as music, that requires copyright protection only by using a "MagicGate Memory Stick" with "MagicGate" compatible equipment (e.g. Network Walkman). "MagicGate Memory Stick" can be used to record any other kind of digital data with any other "Memory Stick" compatible equipment.

MAGNETIC FLUX LEAKAGE
A problem affecting conventional power transformers in electronic equipment. Magnetic flux leakage reduces the efficiency and increases distortion of a transformer. R-Core Transformers and Torus Tordial Transformers are designed to reduce Magnetic Flux Leakage.

MAGNETICALLY SHIELDED
The internal speaker magnet is shielded to prevent discolouration and distortion of the TV screen.

MANUAL CONTROL
This feature allows you to manually select gain, aperture, shutter speed and white balance. The convenient hold position then locks your selection into place.

MANUAL FOCUS RING
Manual Focus Ring gives you more flexability and optimal sharpness in capturing your footage, whether you are focusing on one person in a crowd, shooting under insufficient lighting, filming subject with low contrast (walls, sky etc.) or shooting a stationary object using a tripod.

MANUAL SELECTION
Select the station you want to hear by using the manual tuning knobs or buttons.

MEGA-CD CONTROL
By pushing the MEGA-CD control button, the full line display is changed to CD mode. You can use the display to check the disc and track information, such as the total number of tracks, total playing time of the tracks, disc name and track name.

MEGA PIXEL CCD
Selected Digital Handycams now come with a Mega Pixel CCD. That simply means brilliant video performance and superb clarity rarely found on other camcorders. With Mega Pixel CCD details are more alive, and colours are more vibrant. Exceptionally high resolution for still images is also realised. Let your digita images come to life with a Mega Pixel Handycam.

MEGA PIXEL ENGINE
Mega Pixel Engine is a dedicated image processing system in megapixel Handycams that substantially improves the definition of video images by processing the input signals from the CCD faster. Mega Pixel Engine is so efficient that it can condense information from 64 pixels into one optimised DV pixel on the tape. Conventional camcorders can only utilise 1 to 4 pixels to generate one DV pixel.

MEMORY PRESET STATIONS
Enjoy one touch access to your favourite station by pre-setting the radio frequency in advance. You can move between your favourite stations at the touch of a button.

MIC MIX
Microphone mixing function for creative voice recordings.

MICROPHONE SENSITIVITY SWITCH
Changes the sensitivity of the Voice Operated Recording function. The sensitivity of the microphone can be turned down for use in noisy areas.

MPEG MOVIE AX FINE
Through the MPEG Movie AX Mode, you can capture compressed video and audio directly to the Memory Stick Duo or Memory Stick PRO Duo - a 128MB Memory Stick Duo can record a full 13 minutes at the highest, superfine resolution. In addition, this mode captures high quality videos (352x288) at 25 frames per second, resulting in a smoother, more enjoyable playback. With the inherent small file size of MPEG movies, you can even enjoy quick and easy playback on your PC.

MPEG MOVIE VX FINE
Movie recording mode in Sony digital cameras that allows you to record movie clips up to the capacity of the Memory Stick at a full 30 frames per second. High video bit-rate recording ensures that video images look as good as VHS quality.

MPEG4TV
MPEG4 compression offers longer recording time of high quality MPEG movies (full screen 640x480, 30 frames per second) with stereo sound. This format has been utilised in the latest Sony Cyber-shots, specifically for playback through your TV.

MOS-FET
Metal Oxide Semiconductor Field Effect Transistor. These transistors are turned on by voltage rather than current. They have other technical attributes and often result in superior sound.

MULTI BURST
Camera takes 15 shots simultaneously with one press of the shutter button. Images are grouped together and saved as one SXGA file.

MULTI-DISC RESUME
Memorises the stop positions for several different DVDs so that the DVD player will resume play back from where you last stopped. The DVD player can resume playback even when the disc has been removed from the DVD player.

MULTI JOG DIAL
It's easier than ever to program, edit and title your MiniDisc recordings with the Multi Jog Dial. Simply turn the dial left or right to select the information you want, then push in the knob to set your selection.

MULTI-POINT AUTO FOCUS (AF)
Taking the guesswork out of focusing – this feature evaluates simultaneously five different areas of the frame and selects the best focus setting for the subject. Even when the subject is not in the centre of the frame, the image is still clear and sharp.

MUSIC SCAN
This function plays back the first part of each track to 10, 20 or 30 seconds.

N

NEUTRAL DENSITY FILTER
When capturing a scene under bright sunshine, the iris may overcompensate by contracting too much, resulting in loss of focus. The ND Filter prevents this by restricting the amount of light entering the iris. Two settings, ND1 (1/4 of total light amount) and ND2 (1/32 of total light amount), are available to allow perfect recording under harsh lighting conditions.

NEW PARAMETRIC EQUALIZER
The new Parametric Equalizer in a Sony CD WALKMAN allows you to adjust the treble, mid-range and bass frequencies independently.

NICAM
NICAM or Near Instantaneous Companded Audio Multiplex, is a digital form of stereo broadcast. This audio signal is transmitted simultaneously with television pictures to give high quality stereo sound directly from your TV set.

NIGHTFRAMING
By using a seamless combination of NightShot, Hologram AF and ITL pre flash metering technology, NightFraming ensures accurate framing, perfect focus setting and the correct flash exposure every time, no matter how trying the light conditions. Resulting in consistently excellent flash photography.

NIGHTSHOT
Using the Cats Eye CCD system and an advanced infrared system, Sony has achieved a Lux rating of '0', enabling pitch-black recording.

NIGHTSHOT PLUS
Nightshot Plus is a feature that allows the user to record video images in full colour in low light conditions without the trailing effects usually associated with camcorders that record using slow-shutter recording methods. In 0 lux conditions, Nightshot Plus will illuminate the scene using invisible infra-red light for bright monochrome images.

NTSC RECORD & PLAYBACK
This feature enables recording and playback of NTSC software on any Sony Trinitron with a VIT (Video Intelligent Terminal). It is ideal for editing films from friends and family overseas.

O

OFF-CENTRE INSULATOR
This reduces structure-borne vibrations, such as those from the floor from entering an amplifier via the screws of its feet. Optimum vibration damping is achieved with feet of 50mm diameter and with off-centre screws. The reduction in vibration is particularly measurable in the sensitive 500Hz to the 5kHz frequency band.

OHM (Ω)
A unit of electrical resistance and impedance. One ohm is the resistance through which one volt will give a current of one ampere.

OMNI DIRECTIONAL MICROPHONE
The microphone is designed to record a wide field of sound. These microphones are good for meetings where there are large numbers of people participating.

ONE TOUCH RECORDING
To record, simply press the REC button.

ON SCREEN DISPLAY
This lets you control various functions such as clock set, timer set and tuner preset on screen. In addition data screen shows the counter and remaining amount of tape.

OPEN EAR HEADPHONE
The ear pads on the headphones rest on the ear.

OPENMG
Copyright protection technology that securely manages music content from the EMD/Audio CD on a personal computer. Application software that is installed on the computer encrypts the digital music content when recording on the hard drive. This allows you to enjoy music content on the computer, but prevents unauthorized transmission of this content across a network (or elsewhere). This PC copyright protection complies with "MagicGate", and allows you to transfer digital music content from a computer's hard disc to a compliant device.

OPTIMUM RECORDING CONTROL (ORC)
Adjusts signal frequency to give optimum recording and playback results, given the head and tape conditions.

OPTICAL DIGITAL IN/OUT TERMINAL
Some AV Amplifiers are equipped with optical digital input terminals. These terminals accept digital signals from the optical digital outputs to digital equipment such as DAT decks, CD, DVD and MiniDisc players. The signal is transferred digitally with little sonic degradation.

P

PANEL DRIVER IC
The panel driver IC system in Sony Plasma WEGA and LCD WEGA TVs improves the contrast of video images for deeper blacks and increased picture quality. In LCD WEGA, the Panel Driver IC is also responsible for ensuring a smoother jerk-free image by improving the response time of the panel.

PAUSE SWITCH
Enables the current function to be interrupted with the push of one button and reactivated with another push of the same button.

PEAK SEARCH
Set recording level easily. The Peak Search function scans the CD for recording level peaks. When the search is complete, the few seconds of music from peak volume spot will be played back.

PLAYBACK SPEED CONTROL
Playback speed can be adjusted.

PLAYBACK ZOOM/CROP
Allows the freedom to reduce file-size by stepping a high-resolution picture down to a lower resolution. You can also zoom into your image up to 5x, to check details or crop and save it as a separate image. Complete control over the finest details.

PLL SYNTHESIZER TUNER
Phase locked loop circuitry constantly checks frequency precision and maintains stable signal reception.

PLUG IN POWER MICROPHONE
Eliminates the need for microphone batteries. The microphone is supplied with power directly from the unit.

PHASE CONTROL
A switch on the subwoofer allows the user to select whether the subwoofer output is in phase, or not, with the audio signal entering the unit. The advantages of this vary depending on the type of signal to the subwoofer, eg. whether it is music or a movie.

PHOTOMODE
The Photomode feature allows Handycam users to capture still images onto tape.

PICTBRIDGE
PictBridge is an industry-standard technology that lets you transfer images from your Cyber-shot camera to your printer, without the need for a computer. All you need to do is connect your compliant Cyber-shot camera to a PictBridge compatible printer via a USB cable.

PICTURE MODE
Lets you select the most optimal picture mode - dynamic, standard, soft and personal - to match your viewing environment.

PICTURE STABILISER
Maintains steady voltage supply to the picture tube, keeping images stable, sharp and distortion-free, even when dramatic lighting changes occur onscreen.

PITCH CONTROL
Pitch control is useful for practicing with musical instruments, dancing and language lessons. DJs will also love this feature. You can control the pitch by the chromatic semitone or by dB with 0.1% pitch.

The total range of the pitch control is +2 semitone to -48 semitone for normal PITCH mode or +12.5% to -98.5% for fine pitch F.PITCH mode. This is made possible by continuously sampling the data at 44.1khz and changing the interval of data pickup. The disc rotation speed is not changed.

PORTABLE AUDIO MODE
The feature allows you to connect an external audio device such as a Hi-fi system and listen to the sound while watching a different television channel simultaneously.

POWER BACK-UP
When the AC power supply is interrupted, the battery supplies continuous power to operate the clock and maintain alarm setting.

PROGRESSIVE SCAN
A superior way of viewing video images compared with the traditional interlaced method. With interlacing, the two fields of each video frame (the odd and the even horizontal lines) are shown one after the other. With progressive scanning, all of the horizontal lines of the frame are displayed in one go.

The benefits are a lack of 'flicker' and jaggered edges – typical of interlaced displays like CRT TVs – and smoother horizontal resolution.

A number of DVD players can output video progressively. The signal must be fed to a non-interlaced display such as a plasma screen, or LCD or DLP projector, or TV with progressive input.

Certain TVs also feature progressive scan (or de-interlacing). Such sets analyse the video signal and insert extra scanning lines to increase the apparent resolution (compare with 100Hz Scanning).

PRECISION DRIVE
Unique laser mechanism in Sony DVD players that operates quickly for faster and more reliable disc access. The precision laser and dynamic tilt compensation system ensures that slightly damaged or warped discs can still be accessed.

R

RAW
Sony digital cameras that capture images in RAW format can reproduce the highest degree of image accuracy through the CCD. RAW files are equivalent to the negative in conventional film cameras – it is the original image data that is captured through the CCD without undergoing any additional processing or electronic conversions. Using Sony's Image Data Converter computer software, users can change the image settings such as colour temperature, sharpness and even revert back to the original captured settings after the image has been saved or modified.

REAL DIGITAL SYSTEM
A technology where all signals are processed digitally, regardless of source: minimising loss of signal degradation and resulting in highly accurate image reproduction.

REAL IMAGING PROCESSOR
Dedicated high performance processor in Sony digital cameras that improves the performance of the camera in three ways - more efficient image processing for better images, faster processing for faster camera operation and improved battery life through more efficient power management.

ROOT MEAN SQUARE (RMS)
A method of rating the power output of speakers or amplifiers. In contrast to Peak Music Power Output, Root Mean Square works through a mean averaging of the components output. This rating provides a far more accurate impression of the actual performance.

S

S-MASTER
A fully digital amplifier that enjoys excellent efficiency in processing sound signals as well as minimising any loss during idling periods. It is also extremely frugal in energy consumption due to the absence of analog switches. The design and packaging of amplifiers can be further refined to produce high quality, high power units that reside within an even smaller chassis.

S-VIDEO TERMINALS
Separate luminance (brightness) and chrominance (colour) signals. S-Video terminals offer high picture quality.

SDMI (SECURE DIGITAL MUSIC INITIATIVE)
SDMI which stands for Secure Digital Music Initiative, is a forum that consists of over 130 companies in the fields of recorded audio content, computers, and consumer electronics, dedicated to developing an integrated method of copyright protection technology that can be used worldwide. SDMI is working to create a framework for preventing improper usage of audio files and to promote legal music distribution services. The copyright protection technologies "OpenMG" and "MagicGate" are based upon the SDMI standard.

SIDE SHOT
Image compensation (keystone correction) technology that allows the projector to be positioned off-centre in both vertical and horizontal planes.

SIGNAL CONVERT FUNCTION
Sony Handycam acts as a bridge between analogue sources such

as video or older analogue recordings, and cutting edge digital devices such as an i.LINK equipped computer. The onboard analogue to digital converter transforms an analogue original into a digital copy, ready for digital editing or safe archiving. Update your analogue archives into digital format quickly and easily.

SMART ZOOM
Smart Zoom is Sony's unique digital zoom technology that allows you to capture digital images without the loss in quality usually associated with conventional digital zoom. Smart Zoom adjusts the zoom ratio based on the resolution of your images to take you closer to your subjects with true clarity.

SMOOTH INTERVAL RECORDING
Smooth Interval Recording provides more dynamic recording and smoother transition than the current interval recording. With this new mechanism, it is now possible to record frame by frame with short intervals (starting at 0.1sec), avoiding jumpy, non sequential and blocky images.

SMOOTHSCAN
Sony's unique Smooth Search gives you seamless moving pictures while searching at variable speeds. Smooth Scan allows forward and reverse playback at three different speeds, as well as slow motion and frame-by-frame. These features let you take the perfect look at any scene.

SONICSTAGE
SonicStage is easy to use music management software that allows you to create your own ATRAC3plus music file compilations on CD-R/RW media using your PC's CD drive. The ability to add your own titles and edit your music groups allows for an element of customisation in your portable music.

SOUND BROAD SYSTEM
Sound Broad System is a multi-speaker sound system that delivers powerful sound in three great configurations - link, surround and sub-woofer. Link mode lets you enjoy stereophonic sound with four speakers that are equally powered. Whether you position the 2 left and 2 right speakers in a straight line or have them encircle you, the most powerful and descriptive stereo effects are always with you. Surround mode emulates the effect of a true surround system by modulating the power to each speaker, thereby giving you a sensation of sound depth. Sub-woofer mode adds even more bass and substance during playback.

SOUND FIELD
Sony receivers have various sound field settings that emulate a particular venue or environment. Each one is a combination of either DSP, Dolby Surround, DTS or Dolby Digital equalisation reproducing a particular listening environment. In addition, Sound Fields can be linked to a specific input or tuner preset.

SOUND MIX TERMINAL
Sony TVs featuring mono speakers and sound mix terminal have a set of stereo RCA inputs that allow you to connect stereo sources such as a DVD player to the TV. The television will combine the sound and play it back through the speaker.

SOUND MODE
This smart feature lets you select the ideal sound mode - dynamic, drama, soft and personal, giving you more realistic sound effects to further enhance your viewing enjoyment.

SPECTRUM ANALYSER LED
Display of the graphic equaliser curve, split into separate audio bandwidths.

****SRS (SOUND RETRIEVAL SYSTEM)**
This sound processing system simulates a three-dimensional sound field using two speakers eliminating the need for extra speakers.

SUPER FINE PITCH
Sony televisions with a Super Fine Pitch picture tube have up to 200% more vertical slits than conventional 4:3 Sony TVs to provide incredible picture definition and superb overall image quality.

SUPER G
Super G wireless technology makes your connection data transfer faster (up to 1.5X) via frame bursting, fast frames and real time hardware data compression (at theoretical rates access point must support Super G technology).

SUPER LUMINANCE HIGH CONTRAST SCREEN
Sony rear projection TVs with the new Super Luminance high contrast screen improves the picture contrast by up to 25% and features a double coat anti-reflection coating that substantially reduces reflections.

SUPER PRO-OPTIC SYSTEM
An innovative system for rear projection TVs, adopting the most superior CRT and optical technologies to deliver superior picture quality.

SUPERHAD CCD
Emmy-award winning CCD technology used in Sony digital cameras that substantially reduces the picture noise of images taken in darker environments.

SURROUND SOUND
Gives a broader sound field effect, which enhances bass and high frequency sound at lower volumes.

STAMINA
Stamina technology has refined the core mechanics of the Handycam. Combined with smaller, high capacity batteries, it means Sony Handycams with Stamina can offer super long recording time, of up to 15 hours on one battery.

STEADY SHOT
Takes out minor picture jitter/shake. Optical Steady Shot uses a lens system, while electronic Steady Shot uses a larger CCD for increased image area and less shake.

STEREO MICROPHONE
A stereo microphone allows for clear recording of discussions. Even in a heated discussion, every overlapping voice is reproduced, capturing the real atmosphere of the meeting.

SUBWOOFER
A woofer housed in a separate enclosure from other drivers to produce ultra low bass.

SUPER TWEETER
Ultra high frequency treble speaker driver.

SYNTHESIZED TUNER
Allows ease of operation and precise tuning with a digital display.

T

TAPE/BATTERY REMAINING INDICATOR
This feature acts like a fuel gauge on a car. A meter located on the viewfinder indicates the amount of tape and battery time left, ensuring your battery doesn't run out before your memories do!

THROW DISTANCE
Throw distance is the distance between the projector and the screen and is affected by the projector lens and the required screen size. The Sony Cineza have a short throw distance which enables them to be used in the home with the projector quite close to the screen and still give good image sizes and clarity.

TITLE/CHAPTER VIEWER
An index display of the opening scene for each chapter or title allows instant access for a specific scene.

TORUS TOROIDAL TRANSFORMER
A toroidal transformer has a ring-shaped core. Because there are no sharp edges or corners, and because the entire core surface is evenly covered with coil windings, there is very little magnetic flux leakage, a highly welcomed advantage in audio. Leakage is further reduced by the absence of junctions in the core.

TRUE 16:9 WIDE RECORDING MODE
Sony's True Widescreen recording mode in Sony Megapixel Handycams give you a more life-like, cinema-style picture when you play back footage on a widescreen TV. Boosting the number of pixels by up to a huge 561%, it means you can shoot at a wider angle too.

TRUSURROUND SRS
A groundbreaking technology from SRS Labs that creates a broad, fully immersive sound image within a listening area that wraps around the listener's head, regardless of the seating position.

TWIN MONO CONSTRUCTION
This means separate amplification for each channel. This results in a more stable power supply and a cleaner signal to each channel.

U

UHP LAMP
Ultra High Performance lamps are utilised in all Sony projectors. These lamps maintain very high brightness over the course of their life and typically retain 90% of their brightness after 2000 hours.

UNI-DIRECTIONAL POSITION
This position captures the atmosphere of the scene by accurately mixing the sounds of the main object with those of its surroundings.

USB STREAMING
Easy editing on your PC is now possible with USB Streaming. Simply hook up your Handycam to your PC and with editing software like Pixela, you're all set to edit moving pictures. Together with the provided video conferencing software, USB Streaming also lets you do video conferencing through your Handycam.

USB (UNIVERSAL SERIAL BUS) CONNECTION
Images from your camera to a USB equipped computer is as simple as "plug and play". Your digital camera is recognised as an external USB drive and this makes downloading to a PC or Mac effortless with USB.

USB 2.0 TERMINAL
The new Hi-Speed USB 2.0 specification will transfer images at speeds 50% faster than the predecessor USB 1.1 version, so you can transfer all your images faster than ever before. With its plug and play installation, the Hi-Speed USB 2.0 lets you connect your camera instantly to PCs. Therefore, there won't be any messy settings or reboots needed to upload your images to your computer.

Footnote: High transfer speed will apply to PCs with the new USB 2.0 terminal.

V

VC24 DIGITAL FILTER
Determines PCM play back sound quality for the CD format.

VERTICAL COMPRESSION TECHNOLOGY
Enjoy 16:9 software from any digital DVD source with high-density picture quality. This technology compresses the image from 4:3 mode to 16:9 mode by focussing the scanning lines within the image area. Vertical compression is available only for DRC1250 with NTSC.

VIDEO DAC
All DVD players require a video processing chip that converts the digital video signals from the video discs such as DVDs into analogue video signals that your TV can display. Certain models of Sony DVD players feature a 12 bit/108MHz video DAC that provides substantial image quality improvements over conventional 10bit/27MHz video DACs.

VIDEO UPCONVERSION
This feature converts all incoming composite and S-video video signals so that it can be output using DVD component video on a Sony AV receiver.

VIRTUAL ENHANCED SURROUND TV MODE
VES delivers superior surround sound by utilising only two speakers.

VM IMAGE ENHANCEMENT
This feature sharpens the image for increased picture definition on the XR series of Sony televisions.

W

WEGA ENGINE
WEGA Engine is a dedicated image processing system that processes all video images in 100% digital and reduces the number of unnecessary analogue to digital video signal conversions. WEGA Engine substantially improves the picture quality by increasing picture definition, improving colour and contrast and reducing picture noise.

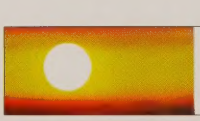
WHITE BALANCE CONTROL
White Balance Control compensates for an artificial colour cast introduced by incandescent or fluorescent lighting. For example, strong sunlight tends to make a scene too orange, while indoor fluorescent lighting adds a blue tint. White Balance Control adapts the capture scene to return a natural looking scene without any colour bias.

WIFI
Wireless LAN (Local Area Network), enables wireless compatible devices to network without cables. There are 3 standards: 802.11a, 802.11b and 802.11g.

WORLDWIDE DIGITAL TUNER
Wider FM frequency range (76MHz-1108MHz) reception enables you to receive FM broadcast programs from around the world.

Z

ZEBRA PATTERN
These patterns warn when an unacceptable level of flaring has occurred in part of the picture. Two user selectable settings, 70 or 100 are available.



* G-Code is a trademark applied for by Gemstar Development Corporation. G-Code system is manufactured under license from Gemstar Development Corporation.

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Sony / Warranties

AUDIO VISUAL

TELEVISION	1 YEAR
PLASMA	1 YEAR
LCD WEGA	1 YEAR
HOME THEATRE (CINEZA)	1 YEAR
BUSINESS PROJECTORS	2 YEAR
LAMPS: 300 HOURS (PRO RATA COVER UP TO 1500 HOURS)	
DVD	1 YEAR
VCR	1 YEAR

DIGITAL IMAGING

DIGITAL STILL CAMERAS	1 YEAR
HANDYCAM	1 YEAR
1 YEAR - CONSUMER USE 3 MONTHS - COMMERCIAL USE	

AUDIO

CAR AUDIO HEAD UNITS AMPLIFIERS CD CHANGERS	3 YEAR
SPEAKERS SUBWOOFERS	1 YEAR
HIFI COMPONENTS	3 YEAR
HIFI SYSTEMS	1 YEAR
PERSONAL AUDIO	1 YEAR

COMPUTER

VAIO	1 YEAR
IT COMPONENTS	1 YEAR
DISPLAY SOLUTIONS	3 YEAR
3 YEARS - ON-SITE CONDITIONS APPLY (INCLUDING AREAS COVERED)	

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Wellington
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www.sonystyle.co.nz

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SONY

~~Lights~~
~~Camera~~
Action

Life just happens and it doesn't wait for a second take. Introducing the new Sony PC55E Handycam - the compact video camera made for instant action. It's our smallest Mini DV camera so far so it's easy to take anywhere. And weighing just 360 grams it's designed to fit as comfortably in your hand as it will in your pocket. The PC55E Handycam. All action. No drama.

HANDYCAM

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